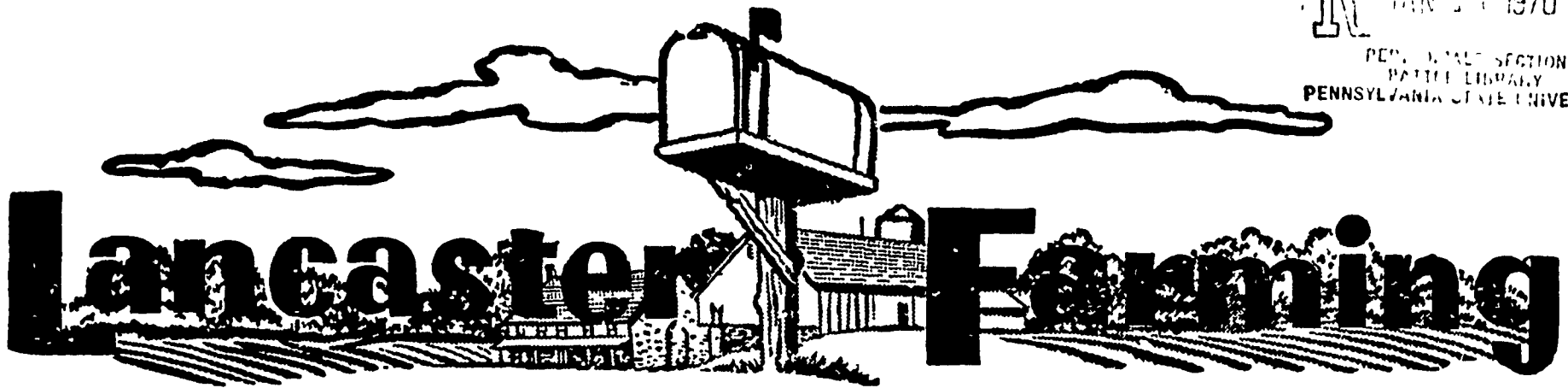




VOL. 15 NO. 7

Lancaster Farming, Saturday, January 10, 1970

\$2.00 Per Year

Population Explosion About To Begin At The Farm Show Complex

The population explosion is about to commence at the Pennsylvania Farm Show complex as the first animal entries began to arrive Thursday. All exhibits, including commercial, must be in place and ready to go by Saturday (today).

The 54th annual Pennsylvania Farm Show opens to the public Monday morning (Jan 12) and continues through Friday (Jan 16). The sprawling complex will serve as "home" to nearly 2,000 head of livestock, more than 2,000 entries of poultry and all the owners, handlers, showmen and officials necessary to make Farm Show an unparalleled agricultural extravaganza.

Livestock entries include 680

head of dairy cattle, 462 beef cattle, 470 sheep, 279 swine and 93 horses.

Most of these entries are in the adult division, but about one-fourth of the entries will be shown by junior (4-H and FFA) competitors. Interest by the younger set is split fairly well between beef animals (188) and dairy cattle (184), with 86 sheep entries and 47 swine.

Most of the competitors, in the adult division especially, are no strangers to Farm Show having exhibited in previous shows. Rookies soon learn that competition is stiff, but premiums, points of knowledge and exchange of ideas make the effort well worthwhile.

Visitors and exhibitors alike are assured of traditional evening shows in the Large Arena and the acres of commercial exhibits provide hours of fascina

ting speculation by rural and city dwellers.

F. W. McCartney, building superintendent, reports snow removal will be completed well ahead of Farm Show opening and precautions have been taken to make certain all is in readiness at 8 a.m. Monday.

Special Meeting For Poultrymen Scheduled For Jan. 29

An informative meeting of special interest to poultrymen has been announced this week at the regular meeting of the Lancaster County Poultry Directors Thursday night. It is set for 7:30 p.m. on Thursday, January 29, at the Farm and Home Center.

Entitled "Market Stability and Producer Responsibility," the program will essentially deal with the question, "How can producers achieve more stability in firm prices in a boom and bust industry?" It will also include the joint efforts of the egg marketing cooperatives belonging to the United Egg Producers in the area of the price discovery system. The discussion will be led by the following well-known speakers:

Maurice M. Stein (Greene, Maine) President of Maine Egg Farms, and one of the founders of U. E. P., Jerry Faulkner (Atlanta, Georgia) General Manager of U. E. P., David Hefler (Scarborough, Maine) Manager of D. E. Coster Egg Farms and

(Continued on Page 16)



ROY M. ROHRER, Strasburg R1, (right) discusses one of his champion hands of tobacco with the judges, Lester Whitmore (left) and A. K. Mann. Rohrer dominated the Lancaster County Tobacco Show held Thursday at the Farm and Home Center.

L. F. Photo

Roy Rohrer Tops County Tobacco Show Thursday

A long time tobacco show winner did it again, Thursday, at the Lancaster County Tobacco Show held in the Farm and Home Center.

Roy M. Rohrer, Strasburg R1, who has shown tobacco for more than thirty years, dominated the show again by topping every class except one and winning two of three championships.

Witmer Rohrer, Strasburg R1

had the first place long binder hand that went to the champion-ship in the binder division. But Roy won in long and short wrappers long and short fillers and in short binders.

Roy will be seeking his tenth farm show title next week, as the local entries will be placed in competition.

Locally, Arnold Lueck, Asso-

(Continued on Page 16)



Arthur Breneman

Breneman Again Heads County Guernsey Assn.

Arthur Breneman, Willow Street R1, was reelected president of the Lancaster County Guernsey Association Thursday evening.

Elected vice president was Ellis Denlinger, Gordonville R1 and Mevin Breneman, Strasburg R1, was named secretary treasurer.

Robert Rohrer, 1058 Lime Valley Road, Lancaster was appointed the DHIA director. Melvin Stoltzfus is chairman of the tour committee and Kenneth Garber, Willow Street R2 is chairman of the field day.

Farm Calendar

Monday, Jan. 12

12-16—Farm Show in Harrisburg (see schedule on Page 24).

Tuesday, Jan. 13

7:30 p.m.—Garden Spot Young Farmer meet, Vo Ag Room



A COUNTY SNOW SCENE. The kind of weather Lancaster County farmers usually think of as Farm Show weather, came early this year as shown in this

Lancaster Farming Photograph. The bridge and meadow scene is located southwest of Manheim just off the Mt. Joy Road.

MARKET NEWS REPORT

At Lancaster Yards

Weekly Review January 8, 1970

CATTLE — Compared to last weeks close, Slaughter Steers 50 75 higher, instances 100 higher on weights over 1300 lbs; Cows weak to 75 lower; Bulls steady to strong. Supply included an estimated 50 percent Slaughter Steers, and 25 percent Cows and Bulls.

SLAUGHTER STEERS—High-Choice and Prime 1050-1250 lbs. 30 00-30 75, 1350-1700 lbs 23 60-30 00, Choice 950-1300 lbs 28 75-30 25, 1350-1500 lbs 27 50-29 00; high-Good and low-Choice 27 85-29 25; Good 26 50-28 60; Standard 24 75-27 00.

SLAUGHTER HEIFERS—800-1000 lbs 25 50-28 75, Good 24 00-26 00.

COWS—Utility and high-dressing Cutter 19 50-21 50, few 22 00-22 35, Cutter 18 50-20 50; Canner and low Cutter 17 75-19 00.

BULLS — Choice 28 50-30 10, Good 26 00-28 50, Utility and Commercial 26 50-29 85.

CALVES — Vealers strong to 100 higher, most advance on Choice.

VEALERS — Choice 48 00-52 00, several head 52 50-54 00, Good 45 00-50 00, Standard 40 00-46 00, Utility 32 00-39 00, Cull 24 00-30 50.

HOGS — Barrows and Gilts 75-100 higher.

CLOSING SALES, BARROWS AND GILTS — US 1-2 200-210 lbs 29 00-29 50, US 2-3 210-245 lbs 28 00-28 50, US 3-4 250-260 lbs 26 50-27 35.

SHEEP—Woolled Lambs mostly steady; Ewes fully steady.

WOOLED LAMBS — Choice 65-95 lbs 28 50-30 50, few head 31 00, Good 25 00-29 00, Utility and Good 5 50-10 00.

Chicago Cattle

Weekly Review

CATTLE — Compared with last Friday, Choice and Prime 50 higher with the most advance on weights over 1200 lbs, standard and Good 50-100 higher. Slaughter Heifers 50-100 higher. Cows steady to 50 lower. Bulls steady to strong.

Receipts included 74 percent Slaughter Steers and 22 percent Slaughter Heifers with balance mostly Cows. Overall finish Slaughter Steers improved over past week with 24 percent Prime largest since last July, and 65 percent Choice. Compared with 18 percent Prime and 76 percent Choice last week and 10 percent Prime and 78 percent Choice last year. Average cost and weight Steers estimated at 28 90 and 1195 lbs, compared with 28 64 and 1197 lbs last week and 28 72 and 1157 lbs last year. Heifer supply mostly high good to Prime. Weighing 850-1075 lbs.

SLAUGHTER STEERS — On Wednesday, couple loads high.

(Continued on Page 3)

REGULAR LIVESTOCK AUCTION EVERY FRIDAY
Stockers & Feeders
All Weights
All Breeds
Now beginning to Move
Good Doing
Shenandoah Valley
Va. Cattle
STAUNTON UNION STOCK YARDS, INC.
Staunton, Va.

Auction Only January 7, 1970

CATTLE 688 — Slaughter Steers 50-75 higher, some sales on weights over 1300 lbs 100 higher. Cows weak to 75 lower; Bulls steady to strong.

SLAUGHTER STEERS—High-Choice and Prime 1050-1250 lbs. 30 00-30 75, 1350-1525 lbs. 28 60-20 00, Choice 950-1300 lbs 28 75-30 25, 1350-1500 lbs 27 50-29 00; high-Good and low-Choice 27 85-29 25; Good 26 50-28 60; Standard 24 75-27 00.

SLAUGHTER HEIFERS — Choice 800-1000 lbs 25 50-28 75; Good 24 00-26 00.

COWS—Utility and high-dressing Cutter 19 50-21 50, few 22 00-22 35, Cutter 18 50-20 50, Canner and low-Cutter 17 75-19 00.

BULLS — Choice 28 75-30 10; Good 27 75-29 00, Utility and Commercial 27 75-29 85.

CALVES 97 — Vealers strong to 100 higher, least advance on Cull and Utility.

VEALERS—Choice 49 00-52 00, twelve head 52 50-54 00, Good 46 00-50 00, Standard 40 00-46 00.

Vintage Auction

January 6, 1970

CATTLE 819 — Compared to last Tuesday, Slaughter Steers 25-50 higher, instance 75 higher on late sales of weights under 1150 lbs.; Cows steady to weak, instances 50 lower; Bulls mostly steady.

SLAUGHTER STEERS—High-Choice and Prime 1050-1300 lbs 29 35-31 00, seven head mostly Choice 31 00-31 85; Choice 900-1200 lbs 29 10-30 50, 1200-1350 lbs 28 35-30 00, high-Good and low-Choice 900-1200 lbs 28 25-29 60, mixed Good and Choice 1350-1550 lbs 27 50-29 00, Good 900-1300 lbs 26 50-28 50, few Standard 26 00-27 50.

COWS—Utility and high-dressing Cutter 20 50-22 50, few 22 50.

Utility 32 00-39 00; Cull 24 00-30 50.

HOGS 258—Barrows and Gilts mostly 100 higher.

BARROWS AND GILTS — US 1-2 200-210 lbs 29 00-29 50, US 2-3 210-245 lbs 28 00-28 50, US 3-4 250-260 lbs 26 50-27 35, one lot US 2 190 lbs 27 25.

SHEEP 2 — No market test.

FUTURES TRADING

(Closing bids as of Thursday, January 8, 1970)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	New York Fresh Eggs
January				56.40
February	29.65	28.45		49.70
March			3.44	46.70
April	30.30	27.32	3.64	41.40
May			4.24	39.10
June	30.45	27.57		38.80
July		27.35		
August	30.70			
September				40.60
October	30.10			
November			2.48	
December	30.05			

a-asked b-bid n-nominal

Trend: Cattle are stronger, Hogs are stronger, Potatoes are steady and Eggs are stronger.



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626-6790 — Woody Funk
665-4921 — Mark Eshleman
393-8517 — Ted Minnich

Chemgro Fertilizer Co., Inc.

Box 218

East Petersburg, Pa. 17520

New Holland Auction

January 8, 1970

CATTLE 818 — The market was not reported for the past two weeks therefore no quotable trends. The slaughter steers were active with best demand for high Choice and Prime 1000-1200 weights. Cows were active with best demand for Cutter.

SLAUGHTER STEERS — High Choice and Prime 1000-1350 lb 30 35-31 00, several 1000-1200 lb 31 00-31 85, Choice 950-1200 lb 29 25-30 50, 1200-1350 lb 28 50-30 00, few 1350-1450 lb 27 75-29 25, high Good and low Choice 28 00-29 25; Good 27 00-28 75; few Standard 25 50-27 00.

SLAUGHTER HEIFERS — Part load Choice 880-1100 lb, yield grade 2-3 29 10-29 85, Good 775-900 lb 23 75-26 00.

COWS — Utility and high-dressing Cutter 20 50-22 60, couple 23 10-23 60, Cutter 19 50-21 50, Canner and low Cutter 17 25-19 50.

BULLS — Choice 28 75-29 60, couple 31 25-31 50, Good 27 50-28 75, Utility and Commercial 27 75-29 60, few 29 85-30 25.

CALVES 350 — The supply included several Good to low.

23 35, Cutter 19 50-21 50, Canner and low-Cutter 18 35-20 00.

BULLS — Choice 28 10-29 10, Good 28 50-28 25, Utility and Commercial 27 00-28 85.

CALVES 551 — Vealers steady to 100 higher, instances 200 higher on Choice.

VEALERS — Choice 48 00-52 00, few 53 00-53 50, Good 44 50-48 00, Standard 39 00-45 00, Utility 32 00-39 00, Cull 90-120 lbs 25 50-30 50, 65-85 lbs 22 50-26 00.

HOGS 319 — Barrows and Gilts mostly 25 lower, instances 50 lower.

BARROWS AND GILTS — US 1-2 210-235 lbs 28 00-28 50, US 2-3 200-255 lbs 27 25-27 75, couple lots US 2-3 190-195 lbs 27 10-27 25, US 3-4 240-260 lbs 26 10-27 10.

SHEEP 3 — No market test.

Choice vealers, best demand on Good and Choice with Cull selling slow.

VEALERS — Choice 48 00-51 00, few 51 00-53 00; Good 47 50-50 00; Standard 42 00-47 00; Utility 32 00-40 00; Cull 90-120 lb 27 00-30 00, 65-85 lb 23 00-27 00.

SHEEP 5 — Few head Choice 75-100 lb 29 50-35 50.

COWS

January 7, 1970

Receipts of 109 cows 1 bull, and 2 heifers sold steady. Holstein 425 610; Other breeds 285-375. Bull 260; Heifers 285-355.

HORSES

January 8, 1970

Receipts of 272 horses sold steady on riding horses and stronger on work horses and mules with the top pair of mules selling for \$1250. Mules (single) 260-540, (pairs) 600-1250, work horses 175-290, (pairs) 500-580; Riding horses 100-290; Driving horses 110-250, Riding horses 100-290, Killers 6-7, Ponies 5-20.

HOGS

January 5, 1970

Receipts of 941 hogs sold stronger. Retail 27 50-29, Wholesale 27-27 50; Heavyweights 26-27; Sows 19-22.

CALVES

January 5, 1970

Receipts of 123 calves sold steady. Choice and Prime 45 50; Good and L Choice 40-44 50; Standard 35 39 50; Common 20-34 50.

HAY

January 5, 1970

Eight loads of hay sold as follows: Mixed 34-38; Alfalfa 40-45; Straw sold for 42 to 46 dollars per ton.

Pennsylvania slaughter plants produced 75,990,000 pounds of commercial red meat in November. This was 18 percent lower than in November 1968, according to the State Crop Reporting Service.

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DAIRY SALE — WEDNESDAY at 12:30 P.M.

FAT STEERS, BULLS, COWS & VEAL — THURSDAY at 12:30 P.M.

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Kenneth E. Hershey, Sales Manager

Weekly Poultry Report

Delmarva

Ready-to-cook demand good and generally exceeding available supplies due in part to less of volume caused by occasional labor problem sharply reducing slaughter. Occasional interest reported from buyers worried about possibility of delayed arrivals from South because of storm in the Georgia-Carolina area. Less than trucklot prices generally unchanged. Advance interest developing very slow as a wait and see attitude prevails. Live supplies ample to occasion

ally burdensome and heavier than desired.

Pool trucklot (Wednesday arrival at Terminal Markets) U.S. Grade A 30 32 M 30 30 1/2. Plant Grade 29 30 M 29 1/2. Special packs including 1 1/4 2, 3 1/2 sizes TFEWR

Eastern Pennsylvania And New Jersey

Prices unchanged to one-fourth cent lower on light type hens. Offerings sharply increased from some sections while still limited

in N.J. Demand fair but less aggressive from past months. Offerings of heavy type hens limited and short of a fair call. Prices paid at the farm. Light type hens 8 1/2-12 1/2, mostly 12 1/2. Heavy type hens TFEWR.

Fogelsville

January 6, 1970

(Prices paid dock weights, cents per lb., except where noted)

HENS, Heavy Type 8-18; PULLETS 27-45, ROASTERS 10 1/2-39 1/2, DUCKS 23-31 1/2; DRAKES 20-51, RABBITS 15-68 mostly 50-64, GUINEAS 56-70, PIGEONS (Per Pair) 50-1 50 mostly 50-80. TOTAL COOPS SOLD 63 1/2.

New York Eggs

Prices irregular but mostly unchanged in street trading. Demand is fair on fancy grades, good on lower quality. Delaier floor stocks light on fancy large, fully adequate to ample on other grades and sizes. Receipts light to moderate with distributors reporting no difficulty in purchasing needed stocks to fill both local and out of town commitments. Offerings of all browns light but generally ample for dull buying interest. Cartoning activity is fair. Undertone unsettled.

Chicago

(Continued from Page 2)

Choice 1075-1100 lbs. 30 25. High Choice and Prime 1150-1475 lbs. Yield Grade 3 and 4 29 50-30 00, numerous loads Prime at 30 00. Choice 950-1150 lbs. Yield Grade 2 to 4 29 00-30 00. Choice 1150-1375 lbs. Yield Grade 3 and 4 28 50-29 50. Mixed Good and Choice 950-1250 lbs. 28 00-29 00. YIELD GRADE 2 to 4 28 00-29 00. SLAUGHTER HELFERS—On Mixed Good and Choice 27 50- Wednesday, high Choice and 28 00

Pa. Livestock Slaughter

(For week starting January 5, 1970)

	Cattle	Hogs	Sheep
First 4 days	461,000	1,008,000	157,000
Same period last week	328,000	867,000	112,000
Same period last year	458,000	1,189,000	178,000

Lancaster Farming, Saturday, January 10, 1970

Weekly New York Egg Mkt.

From Monday, January 5th to Friday, January 9th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. Large	60	60	60	60	60 1/2
Fcy. Large	59	59	59	59	59 1/2
Fcy. Mediums	55	54	54	54	54
Fcy. Pullets	46	46	46	46	47
Fcy. Peewees	36	36	36	36	36
BROWN					
Fcy. Large	61	61	61	61	61
Fcy. Mediums	55	54	54	54	54
Fcy. Peewees	36	36	36	36	36
Standards	55	55	55	55	55 1/2
Checks	40	40-41	41-42	42-43	42-43

Trend Extensive cold weather and retail demand developing a firm tone on all grades.

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Tractor Tips

Tune Up For Added Safety

We're all concerned about the safety of the vehicles we drive. One area of safety certainly important when you take your pickup or family car out on the highway is how quickly you can pass a moving vehicle and get back into the proper traffic lane. A few seconds — even two or three — can sometimes mean the difference between a serious accident and a margin of safety.

Continuing tests by Champion

Spark Plug Company show that a tuned engine can mean a gain of those few extra seconds you may need to pass safely. In tests conducted on passing performance by Champion engineers, results conclusively prove that a freshly tuned car gives the motorists those few extra seconds he may need — when compared to a car in need of a tune-up.

So when it comes to the safety of your family, it pays to keep the engine in tune. Test show that regular tune-ups mean safer passing.

The term precious stone applies only to diamonds, rubies, sapphires and emeralds.

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(Bobby Montgomery)

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ELECTRIC WATER HEATERS



Agway automatic electric Water Heaters are all glass lined and warranted for 5 or 10 years. Extra thick insulation keeps operating costs low.

	5 Yr. Warranty	10 Yr. Warranty
30 gal 1000-600 elements	\$ 58.00	
52 gal 4500-4500 elements	\$ 72.95	\$ 85.95
82 gal 4500-4500 elements	\$103.95	\$118.95
120 gal 4500-4500 elements		\$164.95

GAS WATER HEATERS

(Natural or L.P. Gas Models)

Agway automatic gas Water Heaters, glass lined, 5 year warranty, extra thick insulation. For use with either natural or L.P. gas.

30 gallon	\$54.95
40 gallon	\$66.95
50 gallon	\$79.95

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20,000 grain capacity Tank-in-Tank	\$269.05
40,000 grain cap. Two-Tank model	314.95
60,000 grain cap. Two-Tank model	386.95

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From Where We Stand...

54th Farm Show

They usually say farm show time brings out the snow and bad weather. That should be next week, but by the looks of things outside the barn door, the weatherman couldn't wait — with the blowing snow and all.

We don't know what the weather will be like next week but we are sure the farm show will be another big one. Going under the heading of "Discover The New Pennsylvania Agriculture", officials expect another grand exhibit of the best of farm produce, livestock and poultry to appear in competition for the prize money.

It doesn't matter if you are a showman, product exhibitor or just a spectator, you can enjoy yourself at the 54th Annual Pennsylvania Farm Show in Harrisburg. So go have yourself a good time. We'll see you there.

Looking Ahead

A minister was being transferred from a rural community in Texas to a large city. He owned a horse that he had to sell, so he advertised and soon had a potential buyer. He took his prospect out to the corral to look at the horse and soon had him in the saddle. The minister slapped the horse on the back and said, "Praise the Lord!" and the horse ran around the corral at a good clip. The prospect was a bit scared and shouted, "whoa! whoa!" but the horse wouldn't stop. He yelled to the minister, "How do you stop this horse?" and the minister shouted back, "Say, 'Amen.'" He did and the horse stopped. Turning to the minister, he asked, "What's with this horse, anyway?" The minister smiled and said, "One little idiosyncrasy. . . I trained him to go when I said, 'Praise the Lord,' and to stop, when I'd say, 'Amen.'"

The minister walked over and opened the corral gate. "Praise the Lord," the rider said and off they went. The horse was moving at a fast gallop when the rider, looking ahead about 100 yards, saw that they were heading straight for a cliff. He realized suddenly that he had forgotten what to say to stop the horse and was frightened. So, he thought, "Maybe if I pray . . . I guess that is my last resort," and he said, "Please Lord, stop this horse. Amen." The horse slid to a stop about two feet from the 100-foot drop off, and the man looked over the edge, gazed upward, and said, "Praise the Lord!"

At the moment, we are in the same situation as our horse riding friend before he uttered those fateful words. It is time to choose one's words carefully as we look ahead into 1970.

According to William H. McConnell, Chairman of the American Society of Agri-

cultural Engineers, the latest edition of Accident Facts shows that the 1968 death rate per 100,000 farm residents stands at 69.8, a decline of 1.4 from the preceding year. For this, after an annual increase in the last six years, we are thankful and grateful. Maybe we have reached a turning point in this game of agricultural accidents. We hope so.

But certainly, it is no time to rest on our laurels. Rather we must dedicate ourselves anew and with increased vigor to improving the safety record and the quality of living for farm people. And we must make it a personal, dedication that it will not be anyone in our family or on our farm who is hurt or killed by our carelessness in 1970.

At least that's the way it looks from where we stand.

A Poor Self Regulator

Visualize, if you can, the plight of a private company engaged in providing an essential monopoly service to the nation, enjoying revenues of over \$6 billion annually and employing 750,000 people, that could no longer carry out its responsibilities to customers. In this day of consumer protectionism, congressional investigations and tight regulation of private enterprise, such a company would be brought on the carpet forthwith.

As a matter of fact, there is such a "company". It is the Post Office Department. Two years ago mail service was so poor that the Postmaster General said the post office was in "a race with catastrophe". A presidential commission made a searching study of the nation's postal system and recommended drastic changes, including the formation of a government corporation to take over mail service. President Nixon has proposed post office reformation along the lines recommended by the commission. Many others have also urged postal reform. Yet, the issue lies dormant in a mass of conflicting political interests to which the welfare of customers are secondary.

The incident is a vivid illustration of the distinction between government in business and private enterprise. There is no regulatory commission looking over the shoulder of a government enterprise — and government is a mighty poor self regulator.

Across The Fence Row

THE MARKET AT A GLANCE

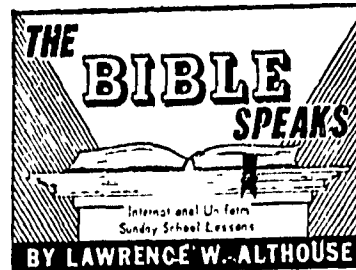
Of 202 mil. Americans, 180 mil. make up nation's 49 million families. Remainder either live alone or in homes of others. 45% married . . . 60% can vote . . . 3% college students . . . 30% in households with \$10,000-plus-a-year or more income. All are customers, potential customers, for someone with something to sell . . . water skis, real estate, Beatle records, autos and, oh yes, food. — Meat Board Reports

You've reached middle age when you suddenly realize that few things are more precious — or less valued — than time!

Local Weather Forecast

(From the U. S. Weather Bureau at the Harrisburg State Airport)

The five-day forecast for the period Saturday through next Wednesday calls for temperatures to average below normal with daytime highs in the 30's and overnight lows in the low to mid 20's. Cold over the weekend and gradually moderating thereafter. Precipitation may total one-fourth to one-half inch water equivalent with rain or snow Wednesday.



UNTIL THE ANGELS COME

Lesson for January 11, 1970

Background Scriptures: Matthew 4:11; Genesis 3: Psalms 91; Romans 7; Hebrews 2:14, 4:14-16. Devotional Readings: Psalms 91.

When Jesus had successfully withstood the temptations that came to him on the Mount of Temptation, Matthew tells us: "Then the devil left him and behold angels came and ministered to him" (Matt. 4:11). All of us want that part—the ministry of the angels—but what do you do until the angels come?



Let's see what Jesus did. The temptation of Jesus is not simply an interesting event in the life of Christ, but it is relevant to us in a way that few historical events can ever be. The writer of Hebrews puts his finger on it when he says: "For we have not a high priest who is unable to sympathize with our weaknesses, but one who in every respect has been tempted as we are, yet without sinning" (4:15).

ALSO OUR STORY

It was a time of testing for Jesus, but the same kind of testing that comes to us today. Thus, it is not only a story about Jesus, it is also our story. What we see in this story is a reflection of what Robert Leslie has termed, "the basic choices that confront every man as he steps from the shelter of the family into the arena of life" (from Jesus And Logotherapy, Abingdon Press, 1967).

These temptations, then, that came to him in the wilderness should not be hard to identify in our own lives. First of all, there came to him the temptation of the body or material things. Having fasted forty days and forty nights, Jesus was a natural target for the Tempter: "If you are the Son of God, command these stones to become loaves of bread." Use these powers of yours,

use them to satisfy the urgent call of your own body! Indeed, why not use them to satisfy the material desire of all men and thus win their allegiance and loyalty? It must have been a strong temptation but Jesus knew that men do "not live by bread alone" and refused, as someone has put it, to "forsake a Cross for a bake-shop."

THE USE OF POWER

The second temptation should also be familiar. Obviously, to throw himself down from the pinnacle of the temple and then to be saved by the intervention of God's angels would be an impressive display of power that would win the admiration and support of many. Yet Jesus knew this temptation was a clever deception. For though people are impressed with power, they are not won to the kingdom by it. They will soon ask for a bigger, and better demonstration of power. Jesus himself was later to say: "Neither will they be persuaded though one rise from the dead." Naked power has never won anything in the long run. It wins the battles, but loses the wars.

In the third temptation, the Tempter is more direct. I see you have a job you want to do, he says to Jesus, all right, I'll show you how you can get the job done quickly and easily: All these (the kingdoms of the earth) I will give you, if you will fall down and worship me." All he would have to do would be to compromise his loyalty, to employ unworthy means for the sake of worthy ends.

THE RESOURCES OF FAITH

It must have been a great temptation to Jesus. It is also a great temptation to us. We permit injustice to insure the prosecution of lawbreakers. We bear arms and kill in the interest of "saving life." We lie for the sake of an election or cheat in what we decide is a "good cause." We justify the making and selling of an inferior product for the sake of providing for our families. We forget that the ends cannot be separated from the means.

What did Jesus do until the angels came and ministered to him? He reached back into the resources of his faith and resisted temptation, holding fast to his ideals and standing firmly upon his loyalty to the Lord. If we do that too in the midst of our temptations, the angels will come.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U. S. A. Released by Community Press Service.)

Read Lancaster Farming For Full Market Reports



NOW IS THE TIME . . .

By Max Smith
Lancaster County Agent

To Place Seed Orders
Weather conditions during the past several weeks do little to remind us of the spring planting season, however, the good snow cover and added soil moisture could be a very important asset to agriculture in general. It is not too early to place your order for crop and garden seeds, if this has not already been done. Many adapted varieties will perform so much better than by waiting later and then having to take what is left.

To Support The 1969 Agricultural Census

The United States Department of Commerce, Bureau of Census, has already mailed out the census questionnaires. This will be a mail census and all farmers are urged to fill out the papers and return as requested.

The agricultural census has great value and is used in many ways; we hope that every farmer will make a special effort to answer the questions accurately which will help make the census more worthwhile.

To Attend Farm Show Meetings

People attend the State Farm Show for many different reasons and no doubt many farmers go to see the new farm machinery; others go to see the livestock and eat baked potatoes and hoagies. I'd like to urge all active farmers to attend one or more of the educational meetings or banquets held in each line of production. Many of the events are very educational and are intended to help the commercial farmer. Farm Show Programs are available without cost.

Farm News This Week

Population Explosion About To Begin At The Farm Show Complex — Page 1

Aaron Stauffer Named Conservation Dist. Head — Page 9

Roy Rohrer Tops County Tobacco Show Thursday — Page 1

Manheim Boys Win In FFA Tobacco Show — Page 1

LANCASTER FARMING

Lancaster County's Own Farm Weekly

P. O. Box 266 - Lititz, Pa. 17543

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NEWLY ELECTED to head the County Vocational Agriculture Teachers Association for 1970 are seated, Mark Campbell, President, Manheim Central High School; and standing (left to right) Richard Hackenberger, Vice President, Penn Manor High School; August Birchleh, Secretary, Penn Manor High School and Charles Ackley, Jr., Treasurer, Ephrata High School. The Vo-Ag Teachers from all nine Lancaster County Schools with Agriculture Departments belong to the association.

L. F. Photo

Manheim (Continued from Page 1)

the son of Mr. and Mrs. Clarence Swope Rohrer, 14, is a freshman and the son of Mr. and Mrs. Clinton Rohrer

CORN SHOW

In the FFA corn show held at the same time and place, Eugene Bollinger, Denver R2, had the best entry with ten ears. In second place was Amos Sauder, Manheim R1

Placings are as follows

Tobacco: Wrapper Class, Gerald Swope, Nevin Zimmerman, Glenn Newcomer, James Zimmerman, Dennis Rohrer, Douglas Rohrer.

Filler Class, Douglas Rohrer, Jesse Balmer, William Trupe, Clark Stauffer, Kenneth Grube, Barry Hossler.

Corn: Eugene Bollinger, Amos Sauder, Ronald Stauffer, Marlin Bollinger, Robert Seifrit, Donald Bollinger

The number of pigs and hogs on Pennsylvania farms during December was estimated by the State Crop Reporting Service at 613,000. This was 12 percent more than in December 1968



FFA CORN SHOW winner is Eugene Bollinger, Denver R2. Bollinger was second last week in the 4-H Corn Show.

L. F. Photo

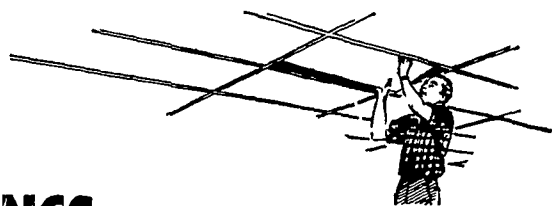
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Drop-In Light Fixture	\$14.95
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LANCASTER COUNTY

DHIA

MONTHLY REPORT

A Holstein cow owned by David S Lapp Gordonville R1, completed the highest 305 day lactation in November Rebecca produced 20,275 lbs of milk, 930 lbs of butterfat with a 4.6% test. A Registered Brown Swiss owned by J Rohrer Witmer, Willow Street R2, placed second. Ethel produced 19,123 lbs of milk, 880 lbs of butterfat with a 4.6% test in 305 days.

The heid of Curtis E Akers, Quarryville R2, had the highest daily butterfat average. This heid of 353 Registered & Grade Holstein cows averaged 54.6 lbs of milk, 2.11 lbs of butterfat with a 3.9% test. The heid of Allen Lee Stoltzfus, Honey Brook R1, placed second. This heid of 297 Registered Holstein cows averaged 48.6 lbs of milk, 1.92 lbs of butterfat with a 4.0% test.

The lactations with 640 or more pounds of butterfat in the first 305 days are as follows:

Owner - Name	Breed	Age	Days	Milk	Test	Fat
David S Lapp						
Rebecca	GrH	4-8	305	20,275	4.6	930
J Rohrer Witmer						
Ethel	RB1Sw	5-4	305	19,123	4.6	880
Nancy	RB1Sw	4-5	305	19,897	4.1	816
Ally H Fley						
Dixie	RH	5-2	305	18,196	4.8	875
Clara	RH	5-1	305	21,391	3.2	679
Lester M Weaver						
16A	RH	4-2	305	24,585	3.6	874
Calvin D Beiler						
Faye	RH	6-2	305	19,627	4.4	855
Florence	RH	4-2	305	21,093	3.6	767
John M Hanish						
Bess	RH	6-10	305	19,989	4.3	852
Jay E Landis						
Sugar	RH	5-7	305	19,143	4.4	843
Princess	RH	8-5	305	16,355	4.5	733
Beacon	RH	5-3	305	16,698	4.0	668
Edwin J. Landis						
Dot	RH	4-4	305	20,953	4.0	841
Star	RH	11-1	305	14,275	4.5	649
Jonas E Zook						
Sally	RH	6-10	305	17,348	4.8	830
Debbie	RH	2-9	305	16,473	3.9	643
Joseph Eshleman						
Trudy	RH	8-9	305	21,724	3.8	828
J Eby Hershey						
Noia	RH	6-4	299	17,397	4.8	828
Robert C Groff						
Jan	RH	4-3	305	20,350	4.0	823
Apple	RH	6-11	305	21,851	3.5	759
Milly	RH	7-5	305	22,266	3.3	737
Mahlon & James High						
Judy	GrH	6-4	305	22,016	3.7	814
C Richard Landis						
Phoebe	RH	9-4	305	17,925	4.5	814
Nelson E. Martin						
Susana	RH	5-3	305	21,070	3.8	799
Lloyd Wolf						
Hayseed	RH	5-6	305	20,036	3.9	788
Spotty	GrH	7-6	304	19,292	3.9	761
Lucy	RH	5-6	297	17,468	4.2	731
Daniel E Trimble						
Cindy	RH	6-8	305	20,112	3.9	785
Lynn	RH	4-8	305	18,537	4.0	744
Tiny	RH	6-11	305	16,740	4.0	667
Nig	GrH	3-8	305	14,881	4.3	646
Robert L Weaver						
Laura	RH	4-3	293	18,988	4.1	783
J Floyd Kreider						
Crystal	RH	6-2	305	19,052	4.1	781
Donna	RH	5-3	305	17,603	4.3	763
Ellis R Denlinger						
Martha	RH	4-10	305	17,454	4.5	781
Jonas S Nolt						
Lucy	RH	9-7	305	18,922	4.1	778
Molly	RH	9-10	280	18,395	3.9	712
Margiet	RH	7-11	288	17,679	3.8	672
John L Landis						
Peggy	GrH	6-3	305	25,106	3.1	774
Clarence Stauffer						
Beauty	RH	3-5	305	19,051	4.1	773
Robert H Kauffman						
Roseen	RH	5-2	305	17,310	4.4	770
V Ferry Rohrer						
Ann B	RH	6-3	305	20,843	3.7	765
Meivin Sauder						
Mollie	GrH	4-11	305	19,624	3.9	763
Ada	RH	7-4	305	17,029	3.8	655
Harry G Kreider						
Jennie	GrH	8-6	295	17,479	4.3	758
Echo	RH	5-6	305	17,924	4.2	745
Paul S Horning						
Dixie	GrH	5-3	305	21,203	3.6	755
Allen Lee Stoltzfus						
Dona	RH	8-2	305	22,044	3.4	753
Christ R Beiler						
Nellie	GrH	8-1	305	18,485	4.1	753
Whitie	GrH	4-4	305	17,249	3.8	662
Allan R Shoemaker						
Pam	RH	6-1	305	19,897	3.8	752
Mae	GrH	9-4	272	15,988	4.4	700
Jay C Garber						
D Aita	RH	5-9	305	18,280	4.1	744
E Gem	RH	4-1	305	15,965	4.3	680
F E Yaita	RH	3-1	293	16,011	4.2	670
E Yaita	RH	5-1	281	15,236	4.2	647
Brinton & Eager						
Carol	RH	5-5	305	16,366	4.5	743

Owner - Name	Breed	Age	Days	Milk	Test	Fat
Burton Y. Staman						
9	RH	7-3	305	17,617	4.2	742
Donald S Eby						
Suzanne	RH	4-1	297	15,808	4.7	741
Raymond & Louise	Witmer					
Nancy	RG	4-1	305	13,926	5.3	741
Nathan G Stoltzfus						
Rhoda	RH	3-9	305	17,475	4.2	738
Dorene	RH	4-3	303	19,389	3.7	708
Eugene Trostle						
51	GrH	6-2	305	18,281	4.0	736
Willis M Martin						
Olga	RH	9-11	305	19,894	3.7	732
N. Gerhart & L W.	Nolt					
38	GrH	4-2	305	19,189	3.8	731
Sam & Allen Kreider						
Harriet	GrH	5-9	305	18,570	3.9	731
Nelson H Hershey						
Hazel	RH	6-4	305	18,381	4.0	730
John O Stoltzfus						
Relect	RH	7-3	305	15,179	4.8	729
Grady	GrH	6-7	305	15,589	4.7	726
Parke H Ranck						
May	RH	3-1	305	13,164	5.5	725
Peggy	RH	7-4	305	15,111	4.6	696
Albert E Fiy						
Pinky	RH	8-4	276	17,873	4.1	724
John & H. Farrington						
Nancy	RH	4-4	305	15,789	4.5	717
Irwin W Engle						
Maxie	RH	7-6	305	19,061	3.8	716
Daniel L Martin						
Crystal	RH	5-1	305	19,135	3.7	715
Pearl	RH	5-3	305	17,509	3.7	656
Henry E Kettering						
Dee	RH	7-4	305	17,271	4.1	715
J Clayton Charles						
Patches	RH	7-5	305	20,277	3.5	709
Gill	GrH	3-6	299	18,418	3.7	689
Jackie	GrH	7-4	294	18,069	3.8	680
Blackie	RH	7-4	287	15,486	4.4	679
Patsy	GrH	7-10	305	16,772	3.9	649
Beth	GrH	5-0	305	16,479	3.9	641
Red Rose Research Center						
Jennie	RH	5-9	302	19,855	3.6	706
J Mowey Frey Jr						
Priscila	RH	5-6	262	17,438	4.0	705
Bethania Farm						
Bell	GrH	-	282	16,904	4.2	702
Torino	GrH	3-1	305	15,719	4.2	654
John E Kreider						
Freda	RH	4-3	305	16,140	4.3	702
Harvey W. Stoltzfus						
Dorene	RH	5-5	305	17,243	4.1	701
Amos & Eleanor Hershey						
Mistress	RH	7-3	305	15,160	4.6	699
Norma	RH	3-0	305	16,504	4.2	693
Darlene	RH	2-3	305	15,815	4.3	673
Sadie	RH	5-4	262	12,239	5.2	642
Harold M Shenk						
Pride	RH	8-4	305	17,217	4.0	696
Kitty	RH	5-11	305	16,791	3.9	650
Clarence M Murry						
Daisy	RH	7-2	305	22,068	3.1	694
Lester M Hawthorne						
Rose	RH	7-1	305	19,564	3.5	691
Venus	RH	4-5	305	18,668	3.6	678
Recinda	RH	3-3	305	16,308	3.9	642
Samuel M Martin Jr.						
Penny	GrH	4-6	305	16,284	4.2	691
Ruby	GrH	5-1	305	16,794	4.0	664
Milly	GrH	4-7	305	15,742	4.2	660
Liz	GrH	7-0	305	16,879	3.8	642
John Omar Stoltzfus						
Peggy	RH	4-11	305	18,618	3.7	690
Amos H Rutt						
Kate	GrH	5-1	305	15,548	4.4	688
Samuel M Augsburg						
Hazel	RH	5-10	305	16,218	4.2	685
S R Shellenberger						
Molly	GrH	5-8	289	18,062	3.8	684
Melody	RH	6-0	298	17,025	3.9	672
Sandy	RH	3-8	305	17,288	3.8	662
Bonnie	GrH	4-11	305	17,736	3.7	656
Star	GrH	3-3	305	15,870	4.1	651
Maurice F Welk						
Belle	GrH	2-11	305	18,522	3.7	683
Ann	GrH	4-5	305	15,831	4.1	647
William P Arrowsmith						
Star	GrJ	2-11	305	12,293	5.5	682
Ben S Stoltzfus						
Jenny	RH	4-1	305	16,196	4.2	679
Rose	RH	2-8	305	15,751	4.2	663
Elmer N Hershey						
Peggy	RH	6-6	295	15,266	4.4	679
Debby	RH	9-7	305	15,215	4.4	676
Ja Jean Dairy Farm						
Molly	RH	4-3	305	20,188	3.4	678
Queameade Farms						
Jessie	RH	6-8	305	19,048	3.6	678
Heita	RH	6-9	305	17,480	3.9	675
Ada	RH	7-5	286	15,512	4.2	654
David L Landis						
Maggie	RH	4-4	270	16,095	4.2	676
Mark P Stoltzfus						
Betty	RH	6-1	305	15,367	4.4	676
John B Stoltzfus						
Sadie	GrH	6-11	275	18,923	3.6	674
Amos M Stoltzfus						
Gladys	RH	4-2	305	19,354	3.5	673
A Dale Heir (Holstein)						
H 80	RH	4-2	305	18,428	3.6	672
Carl L Martin						
Dixie	RH	6-3	298	17,549	3.8	672
Lynn	RH	11-4	305	17,724	3.7	663
John C Metzler						
Echo	RH	7-10	305	18,021	3.7	669
C Robert Greider						
Lola	RH	2-2	305	20,213	3.3	668
Tina	RH	2-11	305	18,352	3.6	658
Linda	RH	4-6	303	15,068	4.4	657
Aaron K Stoltzfus						
Magie	RH	3-3	305	15,601	4.3	668
Eli S King						
Pansy	RH	8-8	305	18,150	3.7	667
Conewago View Farms						
Edith	RH	5-10	305	18,555	3.6	666
Flopsy	GrH	4-2	305	17,970	3.7	665

(Continued on Page 16)

Facts

Dairymen

Should

Know



By Victor Plastow

Associate Agricultural Agent

Once again we are planning for our Annual DHIA Dinner Meeting to be held on January 20 at noon time at the Farm and Home Center. All of the DHIA Supervisors have tickets with them and we sincerely hope that you will purchase tickets early and plan to be with us for this Annual Meeting. This will show our Board of Directors that you are interested in the DHIA Program and in turn will make



What's Behind the Blue Ribbon?

lots of love and Green Pastures Dairy Feeds!

You don't really have to love your cows . . . although if you've been in the dairy business very long you probably have one or two favorites in your herd. It's OK when one of them catches you across the face with her tail. You'll even put up with a kick at the milker now and then.

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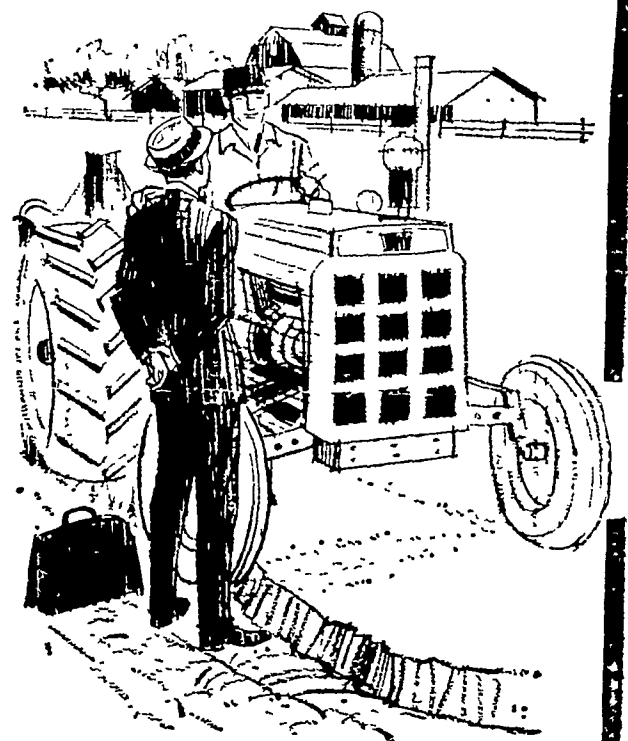
Green Pastures Dairy Feeds give your cows the right vitamin supplementation, complete mineral balance, high energy value, better protein quality. They give you more profits!

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Garden Spot Economics Department To Participate At Farm Show

The Garden Spot High School home economics department has been selected to participate in the Agricultural and Homemaking School Exhibit Contest at the Farm Show next week. They are one of nine Pennsylvania high school departments to be selected.

Horace L. Mann Farm Show director, reports this will be the 47th in the annual series in which school home economics window exhibits have been entered in competition. Prize money totals \$435.

The schools were chosen by a state committee after reviewing applications submitted by school home economics departments from throughout the state. Each window exhibit will convey one central idea based on an approved method or practice in one of the five major areas of home economics education. Top prize is \$75 and each entry will receive an award of at least \$40.

A special award of \$50 will be presented by the Pennsylvania Electric Association for the exhibit which demonstrates the best practical use of electricity.

The nine schools, each from different counties, were certified to the Farm Show Commission by Miss Anne G. Eifler, state supervisor, Consumer and Homemaking Education, Department of Education.

The schools' exhibit titles and teachers include:

South Western High School, York County, "The Versatile Apple," Miss Margaret Stouffer.
Penns Valley Area High School, Centre County, "Looks Like a Seam . . . Zips Like a Dream," Mrs. Virginia Bradford.

Danville Area High School,

Montour County, "Boxing Is Fun," Miss Elaine Yost.

Northern Bedford High School, Bedford County, "The Year Round Center of Attraction," Miss Ann Baker.

Central Columbia High School, Columbia County, "Art In Yarn," Miss Ruth S. Riale.

Dallas High School, Luzerne County, "The New Fashion Math," Mrs. Nancy Goeringer.

Garden Spot High School, Lancaster County, "Man Man," Mrs. Betty Smoker.

Williamsport Area High School, Lycoming County, "Try Dyeing," Mrs. Joann Ertel.

Pine Grove Area High School, Schuylkill County, "The World of Toys," Mrs. Irma Richter.

Sale Register

EVERY FRIDAY—Stockers and Feeders—Sherandoah Valley Va. Cattle, Staunton Union Stock Yards, Inc. Staunton, Va.

JAN. 13-14—Penna. Cooperative Swine Breeders Public Auction of Reg. Bred Gilts at the 54th Annual Penna. State Farm Show, Farm Show Building, Harrisburg, Pa.

WED. JAN. 21—9 A.M. Martin's Sale Barn, Blue Ball, farm equipment and machinery. We sell on commission. Paul Z. Martin.

SAT. JAN. 24—11:00 A.M. Complete Disposal Sale of Real Estate and Personal Property located 3 mi. N. of Manheim along Rt. 72 Corner of Rt. 72 and Elizabethtown Road, 1 1/2 mi. S. of Elizabethtown. Sale by Christ L. Heir.

MON. JAN. 26, 1970—Sugar Loaf Sale, Staunton, Va., Div. of Shalce, Inc.

SAT. JAN. 31—Public Sale of farm equipment located 1 mile

Sale Register

south of Bachmanville, Lebanon Co. Terms by Wm. B. Stauffer.

SAT. JAN. 31—9:30 A.M. Public Sale — 2nd Inventory Reduction Sale of New Tractors and Implements, Used Tractors and Implements, by Miller's Sales & Service, Inc., located 17 mi. S. of York, Pa. along Rt. 851 in the borough of Stewartstown, York County, Pa.

WED. FEB. 4—9 A.M. Martin's Sale Barn, Blue Ball, farm equipment and machinery. We sell on commission. Paul Z. Martin.

TUES. FEB. 10—Sale by Verna Nissley for Lake Nissley, deceased. Clair Nissley Exe. on Aberdeen Rd., 2 mi. N. of Rt. 230 at Aunt Sally's Kitchen, Elizabethtown, Pa. Farm Equipment, corn and hay.

WED. FEB. 18—9 A.M. Martin's Sale Barn, Blue Ball, farm equipment and machinery. We sell on commission. Paul Z. Martin.

Sale Register

THURS. FEB. 19—Public Sale of Farm Machinery, Cows and Household Goods located 1 mi. West of Bowmansville along the Maple Grove Rd., Lancaster County, Pa. Terms by Edwin Horning.

WED. MAR. 4—9 A.M. Martin's Sale Barn, Blue Ball, farm equipment and machinery. We sell on commission. Paul Z. Martin.

SAT. MAR. 14—Public Sale of modern Allys Chalmers farm equipment located four miles west of Elizabethtown, near Goods Church. Sale by John M. Nissley.

TUES. MARCH 17—at 10 A.M. 40 head of dairy cattle, full line of farm machinery and household goods, located 2 mi. north west of Manheim on Old Line Road, turn west on Colebrook St. in Manheim. Terms by Roy B. Boll.

(Continued on Page 12)

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your very first cutting and keeps right on working throughout the entire growing season. Its top loading, bottom unloading feature lets you continue to fill even while feeding.

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SEE US AT THE FARM SHOW

Aaron Stauffer Named Conservation Dist. Head

After 17 years as chairman of the Lancaster County Soil and Water Conservation District, Amos Funk, Millersville, turned the gavel over to Aaron Stauffer of Ephrata R1, who was elected his replacement at a regular meeting of the board of directors Thursday night in the Farm and Home Center. Funk was then elected vice chairman and Richard Hackenberger, Millersville, was elected secretary-treasurer. Funk in asking to be relieved of the position said he was not leaving his interest in conserva-



AARON STAUFFER (left) receives the gavel from Amos Funk as he took over the chairmanship of the Lancaster County Soil and Water Conservation Dis-

trict. Funk served in the office for 17 years. Richard Hackenberger (right) was renamed secretary-treasurer of the district. L. F. Photo

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tion but that other areas of the work would be taking more of his time. He plans to work on the recent proposal of Gov. Shafer's Ag Preservation Committee to create farm areas that would be "untouchable" for industrial housing and roadway development. Funk serving on that committee, has been credited with originating the idea.

The new chairman also brings a long record of experience to his position. Stauffer has served

on the local board for five years and is second vice-president of the Pennsylvania Soil and Water Conservation District. He lists as his goals getting more farmers to accept conservation on their farms, help with the proposal to conserve the best farm land; working for an outdoor conservation laboratory program for school children, stream improvements and stream cleaning and closer attention to areas where conservation practices are not followed, such as new construction sites.

In other business, the directors formed a resolution to be sent to Dr. Goddard, Chairman of the Sanitary Water Board requesting the Sanitary Water Board and the Department of Health to take a public stand on their position concerning the pollution of Mill Creek by the New Holland Sewage Treatment Plant and Zausch Food Corporation. Robert Mower, Urban Director, said that most of the local towns do not have adequate sewage disposal facilities and suggested it would be best to limit Lancaster County industrial expansion at its present level until increased pollution to care for wastes could be prepared.

Mower also reported on work done toward establishing a conservation workshop for teachers. "This workshop," he said, "is for the purpose of relating 'human needs' to our natural resources of soil, water, air, minerals, wildlife, forest, plants and crops. Our great natural wealth, relative abundance and the hasty willingness to 'develop' and harness resources for commercial ends within our country has created many serious problems," he said. "Weather man will survive and the quality of that survival will depend on our attitude toward the proper use of our surroundings."

Phrase's Origin

The phrase, "Man is innocent until proved guilty," probably originated with the Magna Carta, granted by King John to the barons of England in the year 1215.

Robert K. Rohrer

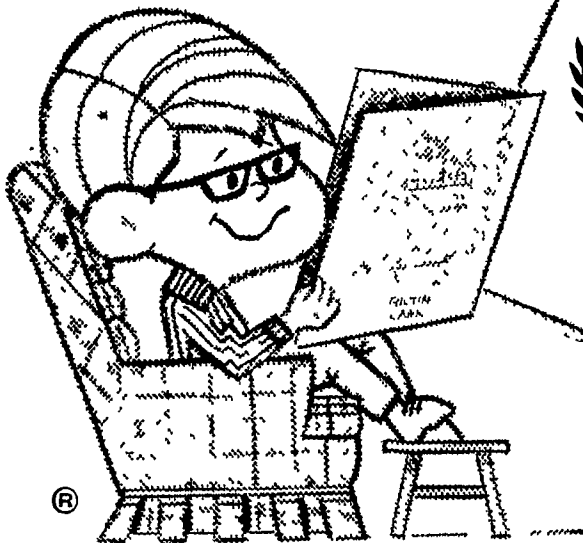
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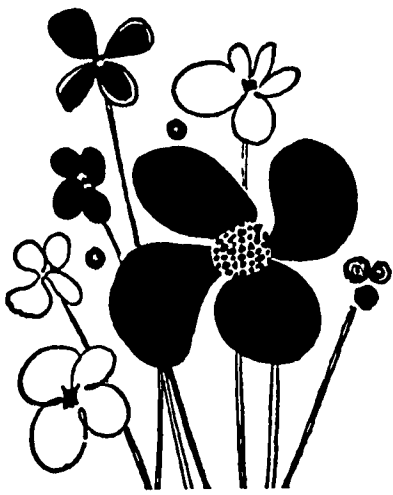


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FOR THE FARM WIFE AND FAMILY

Have Planned-Overs, Not Leftovers!

by Mrs. Richard C. Spence
Lancaster Farming Food Editor

Most families become bored with leftovers, merely warmed up. So, have planned-overs instead. Just tap your imagination for ideas. Here's one for making a planned-over ham loaf out of your leftover ham. Apple Glazed Ham Loaf calls for ground cooked ham combined with ground pork and packaged corn flake crumbs. Glazed over the loaf is a sweet and tart apple-mustard mixture. Serve Apple Glazed Ham Loaf, sliced, on a heated platter. Pour any remaining glaze over the cut loaf.

APPLE GLAZED HAM LOAF

Ham Loaf:

- ¾ cup corn flake crumbs
- ¾ cup brown sugar, firmly packed
- ¾ cup milk
- 2 eggs
- ¼ cup finely chopped onion
- 1 teaspoon dry mustard
- ½ teaspoon pepper
- 1 pound ground cooked ham
- 1 pound ground pork

Glaze:

- 1 (10-ounce) jar apple jelly
- ½ teaspoon dry mustard
- ½ cup light corn syrup
- 3 tablespoons lemon juice

In large mixing bowl combine corn flake crumbs, brown sugar, milk, eggs, onion, the 1 teaspoon dry mustard and pepper, beat well. Add meats, combine well.

Shape into loaf on greased 13 x 9 x 2-inch baking pan. Bake in moderate oven (350 degrees) about 1¼ hours or until well browned. Brush with apple glaze several times during last 15 minutes of baking.

For glaze, combine apple jelly, dry mustard, corn syrup and lemon juice in small saucepan; mix well. Place over low heat; stir until jelly is melted. 8 to 10 servings.

Leftover turkey and chicken are also helpful to the hurried housewife who can use them in main dishes, lunches, snacks and sandwiches.

Make chicken or turkey a planned-over by using either of them in Chicken Pizza Snacks.

CHICKEN PIZZA SNACKS

- 1 clove garlic, cut in pieces
- 1½ cups finely diced cooked chicken (turkey may be substituted)
- ½ to 1 teaspoon crushed oregano
- 2 tablespoons grated Parmesan cheese

- ¾ cup tomato sauce
 - 2 tablespoons finely diced onion
 - 1 package (10 biscuits) refrigerated biscuit dough
- Let garlic stand in tomato sauce 1 hour, then remove. Preheat oven to 425 degrees. Mix the tomato sauce, chicken, onion and oregano. Cut unbaked biscuits in half, place on lightly oiled baking sheet, flatten into 2½ inch circles with a roll. Spread chicken mixture on biscuit rounds, sprinkle with Parmesan cheese and bake 10 minutes or until lightly browned. Makes 20 pizzas, 3" in diameter.

TURKEY SUPREME UNDERCOVER

- 2 cups diced cooked turkey
- 2½ cups stuffing from turkey
- ½ stick (4 tablespoons) butter or margarine
- 2 cups sliced fresh or canned mushrooms
- ¼ cup flour
- ½ teaspoon salt
- 2 chicken bouillon cubes, dissolved in 2 cups boiling water
- 1 cup half and half
- 2 egg yolks, slightly beaten
- 10 ounce package frozen mixed vegetables, cooked
- 1 single crust pastry, rolled into a 9-inch square

Pat stuffing in bottom of 8 x 8 inch baking dish. Melt butter in heavy skillet. Sauté mushrooms 2 minutes and remove. Add flour and salt. Stir until well blended. Add bouillon and cream gradually. Bring to boil, stirring constantly. Cook until mixture thickens. Stir 1 cup sauce into egg yolks; return to hot mixture and cook for a minute or two. Do not boil. Add cooked mushrooms, turkey and vegetables. Pour stuffing in baking dish. Top with pastry. Turn under edges and crimp. Slash crust to allow steam to escape. Brush with milk to brown evenly. Bake in a hot oven (425 degrees) about 30 minutes or until lightly browned. 9 servings.

RICE WITH CHICKEN OR TURKEY AND CHEESE

- 1 onion
 - 1 tablespoon fat or oil
 - 3 cups water or chicken broth
 - 1 cup uncooked rice
 - 1½ cups cut-up cooked chicken or turkey
 - 1 cup cut-up cheese
- Salt and pepper to taste
- Chop onion and cook in fat or oil until tender and lightly browned. Add water or chicken broth. Heat to boiling and add rice. Stir. Lower heat, cover and cook 20 minutes. Add chicken or turkey and cheese. Cook over very low heat until cheese melts. Add salt and pepper, if needed. Makes 6 servings, about ¾ cup each.

- 2 one-pound cans baked beans
- In large skillet, combine first 5 ingredients. Stir in the baked beans. Cover and simmer 10 minutes, stirring occasionally. 6 servings.

TURKEY MACARONI SALAD

- 3 cups cooked, drained and cooled elbow macaroni
 - 2 stalks celery
 - 2 cups cut-up turkey
 - ½ small onion
 - ½ cup mayonnaise or salad dressing
 - 1 teaspoon prepared mustard
- Salt and pepper to taste
- Cut up celery and onion. Mix all ingredients. Chill before serving. Makes 6 servings, 1 cup each.

CHICKEN OR TURKEY CASSEROLE

- 2 eggs
 - 2 cups cut-up cooked chicken or turkey
 - 1 cup fluid milk
 - 2 slices of bread, cut into small pieces
 - ¼ green pepper, chopped
 - 1 stalk celery, chopped
 - 2 teaspoons salt
- Fat to grease pan
- Break eggs into a bowl and beat. Add chicken, milk, bread, green pepper, celery and salt. Mix well. Pour mixture into a greased baking pan. Bake at 350 degrees about 30 minutes, or until browned. Makes 6 servings, about ½ cup each.

If you're looking for a good accompaniment for some of the aforementioned dishes, you might like to try this quick way with baked beans.

QUICKIE SKILLET BEANS

- ¼ cup molasses
- 1 tablespoon vinegar
- 1 tablespoon prepared mustard
- 2 tablespoons catchup
- 1 tablespoon minced onion

GRANGE NEWS

The December 22 meeting of Fulton Grange #66 was cancelled due to the snow storm. The Christmas program and party for that meeting will be held at the January 12 meeting. The subordinate and junior Granges will exchange gifts as planned. Junior Grangers are to bring canned goods for their adopted family. Rev. Kenneth Hill of Steelton will be the speaker. Anyone interested in the tour of Kunzler & Co. and Armstrong Cork Co. Floor plant for January 20 should make reservations soon with Mrs. Jesse Wood of Little Britain as the number in the group is limited. Lancaster Co. Pomona Grange #71 will hold a dinner meeting January 17, 7 p.m. at Rhoads Spanish Restaurant, Quarryville.

Pomona Grange #71

Lancaster County Pomona Grange #71 will hold a dinner meeting Saturday, January 17, 7 p.m. at Rhoads Spanish Restaurant. (Continued on Page 16)

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FROM POLLUTED WELL WATER! LANCASTER COUNTY SHOWS BIG INCREASE IN HEPATITIS INFECTIONS.



A wave of viral hepatitis, an intestinal disease that can be fatal, is sweeping Lancaster County for the second consecutive year, according to state health officials.

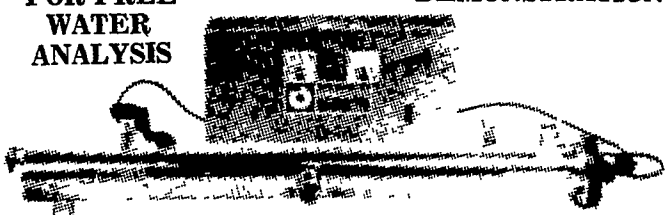
Hepatitis HERE

The disease is spread primarily by pollution of private wells from raw sewage seeping from septic tanks and private drainage systems.

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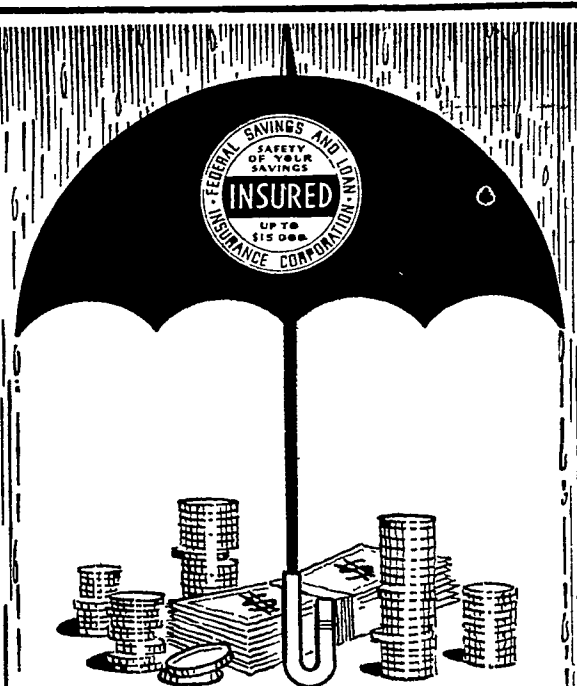
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9 to 4:30

Fri.
9 to 6

Sat.
9 to noon

Enos Heisey Is Host On People Good Will Tour

Enos B. Heisey, prominent agricultural leader and well known Field Manager of Public Relations Agway Inc., has been selected and named as host for a delegation of Pennsylvania agricultural leaders on a twenty-two day Goodwill People-to-People inspection mission throughout Africa.

The Pennsylvania delegation will depart New York on October 31, 1970. They are scheduled to take part in numerous visitations with their occupational counterparts, as well as participate in numerous meetings and interviews with United States and foreign government representatives.

The Goodwill Mission will take the Pennsylvania citizens to Portugal, Republic of South Africa, Kenya, Ethiopia, and Egypt.

Membership in the Pennsylvania People-to-People delegation is limited to official and personal invitation only. The entire Goodwill Mission is arranged and designed to implement the aims and purposes of the United States cultural visitation exchange program and endorsed by People-to-People, Inc., Kansas City, Missouri.

Its purpose is to promote understanding and goodwill, both for the American people and the American government, to tell the story of democracy during face to face visitations and to improve relations and feelings toward the American people.

Heisey resides at 236 East Glenn Road, Hershey, Pennsylvania.

There are days when disgruntled husbands feel that the wedding ring should be worn in the nose, rather than on the left hand.

Farm Group Favors New Show Site

The Pennsylvania State Council of Farm Organizations is on record as favoring a new Farm Show Building to be constructed on a new site.

The Council voiced its sentiments at an annual meeting by passing a resolution recommending "construction of new facilities at a new location."

Harold Ely, president of the Council said rebuilding the Farm Show complex on the present site as advocated by certain groups, would be unsatisfactory because of parking and traffic problems.

"On top of that, a renovated Farm Show building built on the present site would have to be a multi-storied structure because of the shortage of land," Ely said. "Exhibitors and shows now using the building are aware of spectator reluctance to move from one story to another."

The Council also passed a resolution advocating that J. Lin Huber, currently acting as chairman of the Milk Marketing Board be reappointed for a full term on the board.

Other resolutions:

Opposed revision of the motor vehicle license fees.

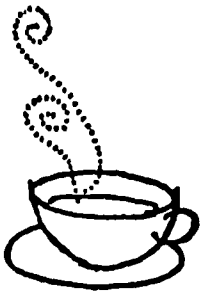
Favored wise use of agricultural land.

Favored a study of the feasibility of establishing a school of veterinary medicine by Penn State.

Recommended the Pennsylvania Department of Agriculture receive sufficient funds to fulfill requirements of the meat inspection law.

Ladies, Have You Heard? . . .

By Doris Thomas, Extension Home Economist



Check Coats On Sale For Quality Construction

You'll find winter coats on sale as stores offer special features during the winter months. To help you make the right decision about the coat you buy, keep these tips in mind:

You can usually find a coat that fits reasonably well without major alterations if you know your figure type.

Keep trying on coats until you find one with a good fit.

Look in a triple mirror to check fit. The coat should be comfortable and not strain when you raise your arms.

Look for a style that's becoming to you. Keep in mind the rest of your wardrobe when you buy a winter coat.

If you expect a coat to last several years, high fashion colors promoted for one season may not be a good buy.

Zip-in linings extend the wear of a coat, and make it suitable for both cool and cold weather. However, insulated type linings which cut down on the weight of a coat may not give enough warmth in cold weather.

Linings need to be serviceable and good-looking.

Good workmanship gives the mark of quality.

In Case Of Pesticide Emergency

If someone in your family accidentally swallows a pesticide, the very first thing to do is to go straight to the pesticide container and administer first aid recommended on the label.

Call your doctor immediately and read him the label containing the active chemical ingredient of the pesticide.

If you go to a doctor or hos-

pital for help take the container with you.

The more toxic pesticides are marked POISON and have an antidote listed on the label.

In many areas there is a pesticide control center. Consult your local phone directory to see if there is one near you.

A good way to prevent a pesticide emergency is to properly dispose of the container.

Whatever you do, don't put anything into an empty pesticide container.

Wrap empty containers or those with unwanted pesticides in several layers of newspapers and promptly put them in the trash can.

Don't burn a cardboard container or a sack that has contained a pesticide.

Smoking is taboo when you are using a pesticide. All pesticides can be carried from hand to mouth by your cigarette and some are flammable.

Keep children away when you are mixing or using pesticides.

Good Idea For Grimy Jobs

If an old shirt is so torn and worn that it's not even of use to charity, cut off the sleeves and keep them, along with a couple of rubber bands, in the trunk of your car. If there's a tire-changing job to be done, slip them over your arms and they'll keep your sleeves clean.



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with side Zipper Black or Brown
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Boys and Girls Long Sleeve **TURTLE NECK SHIRTS**
Solid or Striped Nationally Advertised Brands
Size 3-7 Size 8-14
Irregulars \$1.50 ea. \$1.80 ea.

Men's Tingley DRESS BOOTS \$4.95 Pr.
Men's Tingley WORK RUBBERS \$3.35 Pr.

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BOYS' AND GIRLS' FLANNEL LINED **DENIM PANTS** \$1.⁰⁰ ea.
Broken Sizes

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For Sale — Purebred Yorkshire bores, bred gilts and open gilts. Carcass championship bloodlines. Willow Glen Farm, R.D. 1, Strasburg, Pa. Ph. AC 717-786-2582.

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For Sale—Grain fed beef ready to butcher, live or dressed by the half or whole. Also Reddy heater A-1 condition and a small blacksmith forge. Phone 733-6698

Wanted—Odd jobs to do with my own chain saws. Will cut trees, poles, logs, etc. Phone Mountville, 285-5649

Wanted to Buy—Sows or Gilts that will farrow within the next month. Phone 665-5513

For Sale—Duroc breeding stock all ages, more growth for cross breeding. Cut out figures available. See us at the Penna Farm Show or call or write for information. W. F. Ruoss, Ephrata R.D. #2, Phone Aklon 859-2264

For Sale—Winchester Centennial Guns — never used, 2 file cabinets — letter size — bargain, 19 stone beautiful diamond ring, 1955 Buick 2 dr., hard top. Give offer. Denver (267-2104)

Sale Register

(Continued from Page 8)

SAT. MARCH 14—10:30 A.M. Public Sale of Dairy Cows and Farm Machinery located 9 mi. S of Lancaster off Rt. 272 or 222 - 1 mi. E of Smithville, 2 mi. S of Refton, 2 mi. W of New Providence along Pennsy Rd. Sale by J. Landis Kiser

WED. MAR. 18—9 A.M. Martin's Sale Barn, Blue Ball, farm equipment and machinery. We sell on commission. Paul Z. Martin

SAT. MAR. 21, 1970—Black Gold Farm's Sale, Forest River, No. Dakota

MARCH 28—Public Sale of Farm Machinery and Furniture for M. David Brubaker, 1 mi. W of Donegal High School, ¼ mi. S of Kraybill School on Kraybill Church Rd., R.D. #1, Mt. Joy

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Miscellaneous

For Sale—Large Milk Cans, good to excellent condition, \$6.00 each. Phone 733-8031

Miscellaneous

For Sale—MUSHROOM SOIL for your lawn and garden. GAP NEWPORT MUSHROOM FARMS, INC. Ph. Avondale 215-268-8808 Lancaster 394-2611

Miscellaneous

FREE CIRCULAR — Country Records — Fiddle Tunes — J. E. Mainer — Mylo Brown, etc., Uncle Jim O'Neal, Box ALF, Arcadia, Calif. 91006.

Miscellaneous

For Sale—Border Collie pup, 1½ yrs., male, housebroken, gentle, untrained. Fine for children on a farm \$10.00. Solanco. Phone 717-548-2156 after 6 p.m.

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Cub A, Super A, 100, 130, 140	\$25.00
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M, Super M, M.T.A., 300, 340 350, 400, 450	\$32.00
F, 460, 560	\$35.00

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JD 820D, 1020 RU Gas, 2510D Power Shift, 4020D, 4520D.

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JD-24T Baler; JD #1 Hay conditioner; JD 2-row cultivators; Brady 550 grinder mixer; JD-AW, BW & RWA disc harrows; JD 9, 10, 12 foot spring tooth harrows; JD 34 forage harvester; JD 10 & 50 mowers; JD demo 483 mower-conditioner; JD 494 AN corn planter; JD — 3, 4, 5 bottom 14" & 16" mounted & semi-mounted plows; JD 350 & 594 (on steel) rakes; Lamco - 16 foot forage wagon & JD 1065 running gear; JD 216 forage wagon & JD 1065 running gear; Lawn & Garden items too numerous to mention.

USED TRACTORS

AC-WC; Case SC; Farmall A, H, M; Ford 2000D; Fordson MD; JD H, B, A, 60, 720D, 3010G, 3010D, 4010D, 4020D; MF TO-35; MH 444D; IHC TD9 crawler.

USED IMPLEMENTS

Balers — Case 133 with eng., JD 14T, 24T, 114W; blades — Burch 6 foot; Combines — AC 60 P.T.O. bin, JD 12A P.T.O., eng., Bagger, Bin, JD 25, JD 30; combine (Self-Propelled) Like new — 1968 JD 45; Hay conditioner — NH 404; Cultipackers — Chattanooga 12 ft. pulv-mulcher, JD F925 12 ft. roller harrow; Cultivators; Potato diggers, JD & Oliver 2-row; Grain Drills; Elevators — Lovell 26 ft. & NH roll-a-way; Disc Harrows; Spring Tooth Harrows; Forage Harvesters — NH 717, Fox, & IHC 20C; Potato Harvester — Dahlman 2-row Pull Type; Rotary hoes; manure loaders; Grinder-Mixers — Bearcat, Letz, also hammermills; Mowers; Corn Planters; Potato Planters; Plows — 2, 3, 4, 5 bottom; Rakes — JD — 594, 896; Flail Shredders; Sprayers; Manure Spreader — N.I. #19; Miscellaneous — Sears 6 H.P. 24" snow thrower, irrigation pump, Chevrolet Greenbrier station wagon.

This is one sale you won't want to miss. As mentioned earlier, everything is subject to prior sale, but as items are sold others will be added.

Don't miss this sale. Many did last year and told us they were sorry. Financing and delivery available by prior arrangement and approval.

This sale will be held unless there is extremely inclement weather, if this happens, we will make an announcement of an alternate date of Saturday, February 7, at 7 A.M. on W.S.B.A. York, Pa., the morning of the sale.

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Jacob A. Gilbert - Auctioneer R. D. #1, Wrightsville, Pa. 717-246-5056

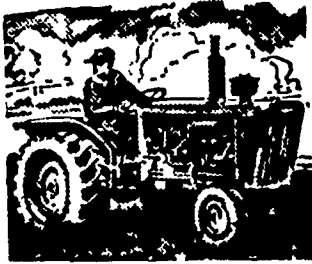
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COMPLETE DISPOSAL SALE OF REAL ESTATE AND PERSONAL PROPERTY

PUBLIC SALE SATURDAY, JAN. 24, 1970 AT 11:00 A. M.

Located 3 mile North of Manheim along Route 72.
Corner of Route 72 and Elizabethtown Road. ¼ mile South of
Elstonsville.

REAL ESTATE:

10 acres more or less, with stream. Erected thereon a
2½ Story Brick dwelling containing 12 rooms (6 rooms 1st
floor and 6 rooms and bath second floor). Oil hot water heat.
Slate roof. Good repair.

2 car garage of cement block. Bank barn with attach-
ment underneath for 5000 broilers. Broiler house, 30x150 ft.,
with hot water heat with a capacity for 5000 broilers.

EQUIPMENT:

3 Big Dutchman Automatic feeders; 18 Big Dutchman, 8
foot, Automatic water fountains; 6 gas brooders; 1 metal
feed bin, 3 ton capacity; garden tractor with cycle bar;
Some tools.

PERSONAL PROPERTY:

G.E. 10 cu. ft. Chest Type Freezer; G.E. Refrigerator; 3
piece living room suite; 2 sets of 6 Plank-bottom chairs; 2
plank-bottom rockers; Umbrella stand with mirror; Old
desk; White Sewing Machine; Eagle foot table; Beds; Wash
stand; Bureaus; Maytag Washing machine; 3 blanket
chests; Cane seated rocking chairs; High chairs; Extension
table with 8 boards; Jelly cupboard; 2 - 12x12 rugs; AM-FM
radio; Sunbeam mixer; Pictures; Lamps; Wash bowl and
pitcher; Coverlet; Dishes; Pots and Pans; some old dishes;
lots of linens; many other desirable items not listed.

AUCTIONEER'S NOTE:

This farm is presently being used for raising broilers.
The barn has scaffolding to hang 2 acres of tobacco. Ideal
location for various other uses.

ORDER OF SALE:

Personal Property at 11:00 a.m. Real Estate at 2:00
p.m. Equipment following Real Estate. Weather unfavor-
able the sale will be held indoors.

Property may be viewed by appointment — call 665-
3786. Sale to commence at 11:00 a.m. when conditions will
be made known by

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17404

DUROC —
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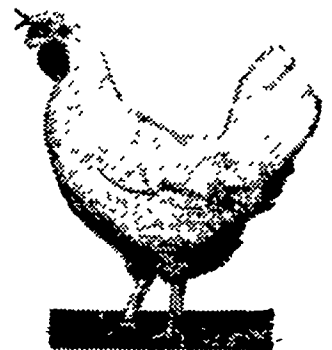
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BROILER CHICKS WITH TOP PERFORMANCE

● Roy Rohrer
(Continued from Page 1)

ciate County Agent, said the tobacco entries were about forty hands fewer than last year but could give no reason for the decrease.

Judges for the local show were A. K. Mann and Lester Whitmore.

Placings were as follows: Long Wrappets—Roy M Rohrer, Eugene M Rohrer, Witmer J Rohrer, Michael E Rohrer, Harold B Wissler

Short Wrappets—Roy Rohrer, Witmer J Rohrer, Michael Rohrer, Eugene Rohrer, Beatrice Hostetter.

Long Fillees—Roy Rohrer, Michael Rohrer, Witmer Rohrer, Latty Shank, Eugene Rohrer

Short Filler—Roy Rohrer, Michael Rohrer, Eugene Rohrer, Witmer Rohrer, J. A. Hostetter.

Long Binder—Witmer T. Rohrer, Roy M Rohrer, Michael E Rohrer, Eugene M Rohrer, Ross B Denlinger

Short Binder—Roy M Rohrer, Witmer J Rohrer, Eugene M Rohrer, Michael E Rohrer, Ross B Denlinger

● Special
(Continued from Page 1)

formerly of Neppco, and Ray Delano (Dunham, New Hampshire) Manager of the Northeastern Egg Marketing Association

According to Hendrik Wentink General Manager of Marketing and Farm Operations for Miller & Bushong, Inc., these gentlemen have been in the forefront in trying to cooperatively achieve a better and more honest way of discovering the true egg price "They are also very knowledgeable in most every phase relating to the business end of egg producing and marketing, and on these subjects will also be happy to answer questions from the floor," he said.

● Grange
(Continued from Page 10)

1st Quaintville Richard Maule, Clifford W Holloway Jr and Alfred Wanner will accept reservations until January 14 Mr and Mrs Lorian Brinton are on the Pomona visitation committee A memorial service will be in charge of Mrs Charles McSparran The new officers will be installed by Norman Maule and his team from Chester County assisted by Mrs Virginia Beck soloist and Mrs Richard Jackson pianist from Lancaster County

The 60-cent a dozen average price Pennsylvania farmers received for eggs in December was the highest since the October 1953 price of 64 cents

The State Crop Reporting Service, which made the price announcement, said the December egg price was up eight cents from November and 15 cents higher than in December 1968

The Service said higher meat animal prices also attributed to a two percent rise in state farm prices during December

Hogs at \$26.20 a hundred weight were \$1.20 higher than in November and \$7.20 higher than in December 1968 Steers at \$27 a cwt were 30 cents higher and up \$2 from December 1968 Broilers at 16 cents a pound were one cent lower than in November

Milk at \$6.40 a cwt was 10 cents less than in November and 14 cents more than in December 1968

Corn was up seven cents a bushel, wheat up four cents, and oats up three cents from November prices

Nationally the index of prices received by farmers was the highest since September 1952

DHIA MONTHLY REPORT

(Continued from Page 6)

Owner - Name	Breed	Age	Days	Milk	Test	Fat
John M. Nissley	RH	2-5	305	18,212	3.6	664
Snowball Jo	RH	8-1	305	15,417	4.2	653
Earl Smoker	RH	4-3	305	16,804	3.9	661
Bonny	RH	4-3	305	16,804	3.9	661
Jacob S. Stoltzfus	GrH	4-2	296	17,314	3.8	658
Dorc	GrH	4-2	296	17,314	3.8	658
Amos B. Lantz	RH	6-7	271	18,940	3.5	657
Daisy	RH	4-4	305	18,556	3.5	648
L. Lass	RH	4-4	305	18,556	3.5	648
Wilbur N. Erb	RH	6-3	305	16,683	3.9	657
John C. Groff	RH	5-1	259	14,110	4.7	657
Serena	RH	5-1	259	14,110	4.7	657
Edwin K. Wise	RH	3-3	273	16,106	4.1	656
Sandy	RH	3-3	273	16,106	4.1	656
Albert Breneman	RH	3-11	305	19,752	3.3	655
Farchie	RH	3-11	305	19,752	3.3	655
Kenneth A. Skiles	GrH	8-11	305	17,538	3.7	655
Safue	GrH	7-11	304	15,835	4.1	642
Signet	GrH	7-11	304	15,835	4.1	642
Paul V. Nissley	GrH	6-3	285	16,816	3.9	653
Jean	GrH	6-3	285	16,816	3.9	653

Amos Sauder Is Second In State Corn Contest

A local FFA youth will be honored for his corn production project at the Farm Show according to a report issued this week.

Amos Sauder, Sophomore at Manheim Central High School, will be honored at the Pennsylvania Crop Reporting Association Banquet for his one-acre corn plot that produced 181 bushels of ear corn on test

Sauder, 15, is the son of Mr. and Mrs. Amos Sauder, Manheim R1 His yield placed him second in Pennsylvania and first in the maturity group four

● Facts
(Continued from Page 6)

credit for all his daughters in DHIA herds.

In October, 1969, there were only 34 herds in Pennsylvania under quarantine for Brucellosis. Eleven counties remain to be certified Brucellosis-free. Most of these have only one or two herds in which a single reactor exists. Many problems involve suspects which have been vaccinated of heifer calves with Strain 19 vaccine. Calfhood vaccination is still a part of the Pennsylvania Bureau of Animal Industry program

Some persons are too big for their britches and you see 'em every day in the supermarket

Owner - Name	Breed	Age	Days	Milk	Test	Fat
Dan S. Stoltzfus	RH	9-7	277	19,519	3.8	668
Barbara	RH	9-7	277	19,519	3.8	668
D. M. & L. L. Zimmerman	RH	7-7	305	14,947	4.3	648
Alta	RH	7-7	305	14,947	4.3	648
Bonuel S. Beiler	RH	6-2	305	16,709	3.9	648
Mary	RH	6-2	305	16,709	3.9	648
David S. Smucker	RH	5-5	305	16,543	3.9	648
Hazel	RH	5-5	305	16,543	3.9	648
Ivan M. Hursh	RH	4-11	285	16,165	4.0	648
Lucy	RH	4-11	285	16,165	4.0	648
D. George Beiler	RH	5-2	305	17,107	3.6	647
Leah	RH	5-2	305	17,107	3.6	647
Cedar Fringed Farm	RG	9-0	305	12,214	5.9	646
Bounty	RG	9-0	305	12,214	5.9	646
Paul B. Zimmerman	RH	4-4	296	15,223	4.2	646
Betty	RH	4-4	296	15,223	4.2	646
Lantz Brothers	RH	3-0	305	16,680	3.8	648
Susie	RH	3-0	305	16,680	3.8	648
Samuel K. Stoltzfus	GrH	5-1	301	15,872	4.0	641
Bessie	GrH	5-1	301	15,872	4.0	641
Melvin M. Groff	RH	5-2	284	15,522	4.1	641
Annie	RH	5-2	284	15,522	4.1	641

HIGH DAILY BUTTERFAT AVERAGE

Name	Breed	Days On Test	No. Cows	% Cow Days In Milk	Milk Lbs.	% Test	Fat Lbs.
Curtis E.	Akers R&GrH	31	35.3	98.4	54.6	3.0	2.11
Allen Lee	Stoltzfus RH	31	29.7	93.5	48.6	4.0	1.92
Red Rose	Research Center RH	29	25.5	95.9	49.1	3.9	1.87
Donald S.	Eby RH	38	42.9	85.0	43.5	4.3	1.86
Parke H.	Ranck R&GrH	34	52.8	85.2	43.8	4.2	1.84
David L.	Landis R&GrH	28	31.1	81.3	43.5	4.2	1.81
Ernest J.	Sauder RH	28	39.5	92.8	45.8	4.0	1.81
Rufus G.	Martin Mix	32	25.8	92.0	48.5	3.7	1.81
Carl G.	Troop RH	31	18.0	100.0	44.8	4.0	1.80
Melvin G.	Stoltzfus RH	31	29.3	90.8	46.1	3.9	1.80
Samuel F.	Sauder R&GrH	30	35.3	85.2	43.2	4.0	1.74
John M.	Nissley R&GrH	29	35.9	93.0	43.7	4.0	1.74
Robert W.	Ulrich & Son R&GrJ	33	62.4	84.6	30.5	5.7	1.73
N. Gerhart & L. W.	Nolt R&GrH	31	58.3	84.9	43.0	4.0	1.73
J. Mowery	Frey Jr. RH	6	62.3	79.7	41.2	4.2	1.72

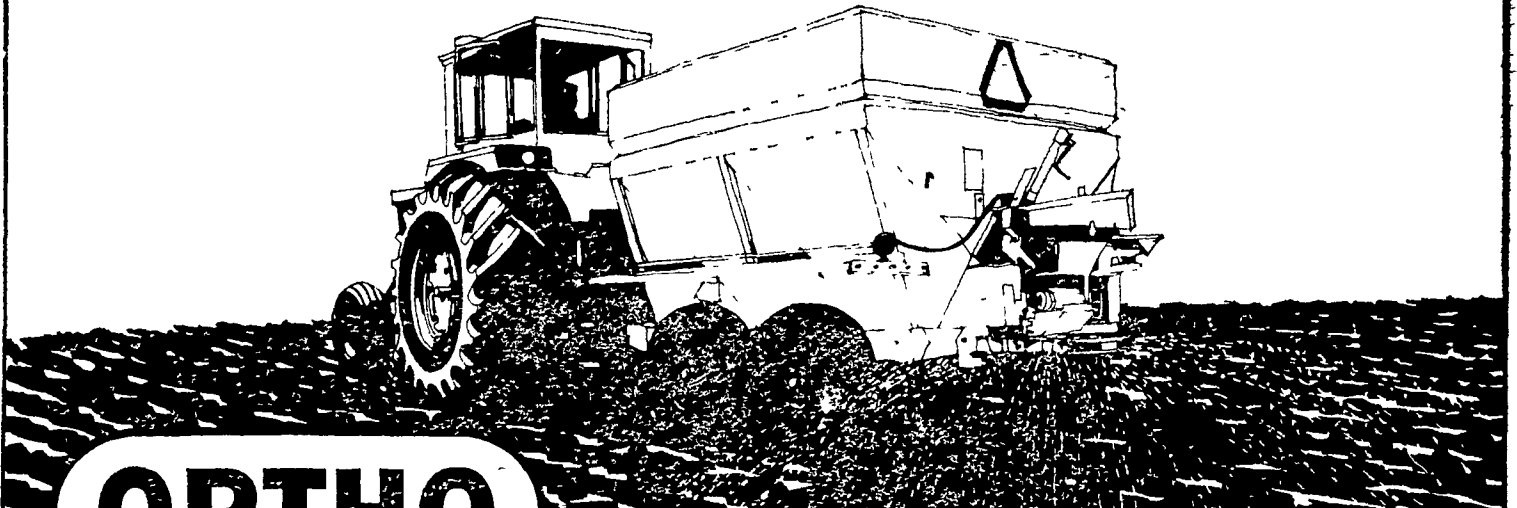
Unhappily, when you apply conventional fertilizers, much of the phosphate is locked up through fixation in the soil.

□ Up to now, this has been fought by carefully placing the phosphate closer to the surface and near each plant. Trouble is, this leaves your phosphorus supply "high and dry" during the heat of the summer. □ Or, tho solved this problem during the development of UNIPELS. A unique "phospho-nitric"

How much of the phosphate you apply is actually used by your crops?

process makes the phosphate in UNIPELS 100% available, yet makes it resist fixation regardless of how it's applied!

□ And when you plow down UNIPELS in the fall, the phosphorus and other vital nutrients are down in the moisture zone where roots are most active in the hot, dry summer. □ Come see us soon about the year 'round benefits of fall fertilization with Ortho UNIPELS — the All-Season Fertilizer.



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Lancaster Farming

FARM SHOW ISSUE SECOND SECTION

Keystone Farmer Degree Going To 16 Local Boys

Honors which cannot go to more than one farm boy in fifty will be awarded to 16 Lancaster County FFA students from seven county high schools next week in conjunction with the 54th Pennsylvania State Farm Show to be held in Harrisburg. In ceremonies in the Forum of the Education Building Wednesday afternoon in downtown Harrisburg, the highest FFA degree at the state level, the Keystone Farmer title, will be awarded for outstanding achievement in agriculture and rural life. The schools involved include Garden Spot, Ephrata, Manheim Central, Lampeter-Strasburg, Solanco, Penn Manor and Pequea Valley.

Henry Givler, Area FFA Agricultural Supervisor, reported that under FFA rules, not more than two percent of the State membership can receive this honor. The title is given for outstanding achievement in agriculture and rural life. To be eligible, Givler said the FFA member must have satisfactorily completed at least two years of instruction in vocational agriculture, demonstrated marked leadership, earned and invested at least \$500 productively, and attained satisfactory achievement in improving the farm's efficiency or his home farm's comfort.

The local FFA boys who will receive the degree January 14 are as follows.



Lester Bowman

Lester Bowman

Lester Bowman, son of Mr. and Mrs. Raymond S. Bowman, East Earl R1, was the 1968-69 County FFA Vice President and is now serving in the same capacity in his Grassland Chapter at Garden Spot High School. He has also been the chapter secretary and county delegate.

Winner of the chapter farm mechanics award, Lester has work experience at Charles Sauder Mill, Penn Jersey Harvestore and Huists Tire Service. His supervised farming program includes fattening and breeding swine and veal calves.

Lester attended the National FFA Convention in Kansas City and the winter FFA convention in Harrisburg. He has won the Chapter and Red Rose Farmer Degree and has shown hogs at the County FFA Hog

Show and competed in the tractor driving contest.

He is a past president of the New Holland Baby Beef Club and past vice president of the New Holland Community Club as well as a member of the Metzlers Mennonite Church.



Lee Ressler

Lee Ressler

Lee Ressler, son of Mr. and Mrs. Harold L. Ressler, East Earl R1, is the Grassland Chapter Treasurer at Garden Spot High School. He received the Greenhand, Chapter Farmer, and Red Rose Farmer Awards and attended both the National and State FFA Conventions.

Lee has been active in his local chapter, participating in fund raising activities as well as serving as chairman of many committees. He was a public speaker in local, regional and state contests.

His supervised farming programs have included fattening swine, veal calves and field corn, and his work experience is on a 45-head dairy farm. Ressler is presently employed at J. B. Zimmerman and Sons, at Blue Ball.



Jeff Pfautz

Jeff Pfautz

Jeff Pfautz, son of Mr. and Mrs. Leroy Pfautz, Stevens R1 is president of the Cloister FFA chapter and has served the County FFA as treasurer. Jeff has been a consistent winner of judging awards both on a local

and state level. He has placed in the top 10 at the Lampeter Judging Contest three times, won the county meats contest and placed 4th at the state contest; won a bronze medal in livestock judging at Penn State. Jeff has also won a bronze medal with his record book in the state contest. He was named the Chapter Star Farmer as a junior. His farming program includes veal calves, market hogs, field corn, sweet corn, and sugar peas. He also represented the chapter at the National FFA Convention at Kansas City, Mo.



Burnell Buchen

Burnell Buchen

Burnell Buchen, son of Mr. and Mrs. Clyde Buchen, Manheim R3, is the President of his Manheim FFA Chapter. Having showed the Grand Champion hog at the Lancaster County FFA Show in 1969, Buchen has farming projects of dairy animals, breeding and fattening hogs, beef, corn and tobacco.

He is the News Reporter for the County Red Rose FFA Chapter and attended the National FFA Convention in 1968.



Eugene Nolt

Eugene Nolt

Eugene Nolt, son of Mr. and Mrs. Milton Nolt, Ephrata R1, was the Star Greenhand degree winner when he was in ninth grade. Since that time his farming program includes dairy cows, heifers, market hogs, sows and field corn. He has exhibited

his market hogs at Ephrata Fair.

Eugene has served the local FFA on the earning and saving committee and the supervised farming committee. He was a member of the chapter's milk judging team and participated in the chapter tractor driving contest for two years. Eugene was named winner of the Sears Gilt award in 1968. He also participated in the county judging contest for four years.



Edward Donough

Edward Donough

Edward Donough, son of Mr. and Mrs. Paul Donough, Manheim R1, is the Sentinel for his Manheim FFA Chapter. Placing first in Livestock Judging at Penn State FFA Activities Week, Edward won a Bronze Medal at the National Livestock Judging contest in Kansas City.

His farming program includes steers, (had reserve grand champion at Manheim Farm Show), dairy animals, corn, tobacco and swine (had the reserve champion fat hog at the County FFA Show).



Charles Smith

Charles Smith

Charles Smith, son of Mr. and Mrs. Harry Smith, New Providence R1, is the President of his senior class at Solanco High School. He is also a member of the cross country team and the Varsity Club.

In the FFA chapter, Smith has projects of eleven dairy animals, twenty fattening swine, 3,

000 broilers, corn and hay. He has served as sentinel, vice-president and county delegate. A Star Red Rose Farmer, he was runner-up to the county Star Red Rose Farmer.

Smith's home farm is a 170 acre dairy enterprise with 40 head of milk cows and 30 head of young stock. They also raise 9,000 broilers and 40 fattening swine each year.



LeRoy Welk

LeRoy Welk

LeRoy Welk, son of Mr. and Mrs. Ira D. Welk, Quarryville R3, has a twin brother in his Solanco FFA Chapter who is receiving the Keystone Farmers Degree.

He is the Chapter Reporter for the 1969-70 school year and has farming projects of dairy animals, beef, swine, corn, alfalfa and tobacco.

LeRoy is a member of the Fulton Grange 66, the County 4-H Holstein Club and a junior member of the Holstein Association of America. He is a member of the First Presbyterian Church and Sunday School at Strasburg and is a member of the Senior High Youth Fellowship.



Nelson Weaver

Nelson Weaver

Nelson Weaver, son of Mr. and Mrs. John M. Weaver, New Holland R1, is the president of the Grassland Chapter at Garden Spot High School. He has

(Continued on Page 30)

Dip After Milking To Prevent Udder Infections

Chemically sanitizing cows' teats immediately after milking is a promising way to reduce the incidence of udder infections that cause mastitis.

A number of micro-organisms infect the udder, contributing to the general inflammation called mastitis. Bacterial invasion likely begins with a beachhead at the openings of the teats, for colonies of bacteria there are dangerously close to the udder's interior. Now, research at Beltsville, Md., and Ames, Iowa, indicate that the best time to apply control measures is immediately after milking, not before, as is usually done.

At Beltsville

ARS microbiologist W. D. Schultze selected, from cows in a regular milking barn, a group with large skin populations of staphylococcus bacteria on their teats. Immediately after these cows were milked, half of them had their teats dipped in a solution containing the disinfectant chlorhexidine at 2,000 parts per million.

Thirty days of dipping reduced the average staph level on teat ends from 84 points to 3 points on a scale where 100 represents a heavy infection. Population scores of cows with untreated teats did not change in the same month.

To double-check, Schultze switched the use of the dip to the other cow group. Dipping lowered the average skin population score from 84 points to 4 points, while the score of the now-untreated cows rose from 3 to 57 points in 21 days.

As a direct test, Schultze then isolated a smaller group of cows and deliberately exposed them by dipping teat cups of the milking machine in rinsing water laden with about 5 million staphylococcus per milliliter. One side of each udder was dipped in the sanitizing solution after each milking, the other side remained untreated. Since each udder quarter is an independent gland without direct connection to the other three, one quarter can become infected while the others remain healthy.

Fourteen percent of the dipped quarters became infected, while 41 percent of the unprotected quarters caught mastitis during a year's lactation.

The dip used by Schultze contained an agent to prevent chapping of the teat skin, a side effect that may become serious with lengthy dipping. Schultze first used tung oil, a drying agent incorporated in at least one commercial teat dip as a chapping preventive. Some cows still suffered from extensive skin scaling and irritation.

He then tried lanolin, a softening agent often used in cosmetic lotions for humans. This base prevented skin problems throughout the year in all but one test cow; but no dip with lanolin is commercially available, so far as Schultze knows.

At Ames

Veterinarian J. S. McDonald exposed the teats of noninfected dairy cows for three weeks to teat cups dipped in milk contaminated with 2 million *Streptococcus aureus* bacteria per milliliter. Udder infection was prevented by dipping teats in chlorhexidine solution within 30 minutes after milking with contaminated equipment.

McDonald then dipped teats directly in bacterial cultures and continued dipping teat cups in contaminated milk for another 3 weeks. Dipping in the disinfectant still prevented udder infection.

Only when McDonald added another stress — overmilking for 4 minutes just before contaminating teats and teat cups — did 1 percent of the udder quarters become infected. The tests were conducted at the National Animal Disease Laboratory.

Dipping teats in disinfectant solution must be done after milking. McDonald sanitized teat cups before milking each

cow, but contaminated teat ends immediately after milking. A half hour before the next milking, he dipped teats in disinfectant, yet 2 percent of the quarters became infected during the 3-week trial.

Dipping really was the difference in preventing udder infection. McDonald cured all udder infections that had occurred during previous trials, then dipped all teats before and after each milking for 3 weeks. Teat cups were also dipped in infected milk. Without treatment, more than 9 percent of the quarters of cows on trial became infected.

The dip tested by McDonald

Weed Killers

Many farmers and home gardeners have both seeds and chemical weed killers to store for next year. I'd like to point out the danger of keeping these weed killers near any seeds or bulbs,

because there may be enough fumes in the room to reduce or stop germination when planted. The herbicides should be kept in a separate room and the emulsion form not allowed to freeze. All spray materials should be stored in the original container if possible, in order to maintain identification and keep application instructions. If any chemical is present without identification, it is best to throw it away rather than to take the chance of being the wrong one. I have known of improperly identified chemicals killing plants when they were intended to stop insects or a disease. Be careful in using and storing all chemicals.

was unusual in that its chlorhexidine strength was five times that of common commercial dips — 10,000 ppm instead of 2,000 ppm. McDonald strongly recommends the high strength. At least one commercial dip with 10,000 ppm chlorhexidine is already marketed, cost is about one-quarter cent per cow per milking.

Farm Show SPECIALS FOR THE MONTH OF JANUARY



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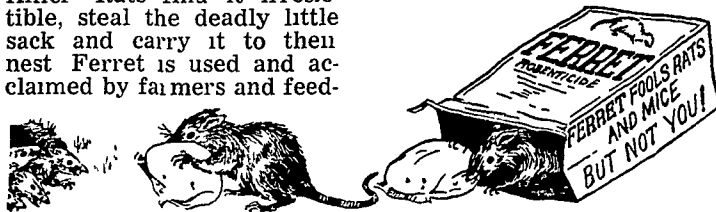
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Farm Use Of Electricity Shows Greatest Increase Since 1959

U.S. farms used an average of 10,536 kilowatt-hours of electricity during 1969, another all-time high and the greatest increase over a previous year since 1959 according to John D. Turrel, executive manager of the Farm Electrification Council.

Citing figures recently released by the Crop Reporting Board of the USDA, Turrel said that average annual farm consumption of electricity last year was 720 kilowatt-hours above 1968, and more than 3,800 kilowatt-hours above the 1959 average.

The Pacific Northwest led all other areas of the country with an average annual consumption of 30,024 KWH.

Farmers Pay Record Low For Electricity

While setting a record high for consumption of electricity, farmers were paying a record low in energy cost -- an average of 2.09¢ per KWH. This compares with an average of 2.15¢ in 1968, and 2 1/4¢ in 1959. Even lower was the price paid by farmers for all additional usage of electricity, the incremental rate, estimated by Turrel to be 1 1/2¢ per kilowatt-hour. This incremental rate, he said, is the one that farmers use in making their energy choices.

Turrel stated that a combination of factors were responsible for this increase in the farm use of electricity. They include: a shortage of farm labor, a continuing trend toward confinement production of livestock, recognition by farmers that the use of electrically-powered equipment frees their time for important management functions; development of new electrical equipment to handle a wide variety of the big horse-

power jobs demanded by modern agriculture, and the low energy, labor, and maintenance costs inherent in operating electrically run farm equipment.

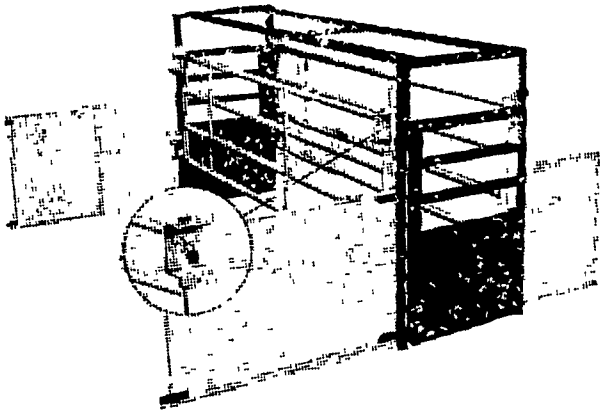
The FEC spokesman pointed out that electricity is the one production input that has continually decreased in price to farmers since 1950. "Today, farmers purchase electricity for 69 percent of what it cost them in 1950," said Turrel. "Yet, they're paying from 183% to 275% of 1950 prices for inputs such as farm machinery, wages, and land."

Energy of The Future In Agriculture

Looking toward the future, the FEC executive said that electrical applications to agriculture hold many exciting possibilities. These include: 1. Using lasers or microwaves to transmit electricity through the air to run unmanned tractors and self-propelled field machines. 2. Using electric energy as the source of heat in large plastic "greenhouses" which

(Continued on Page 26)

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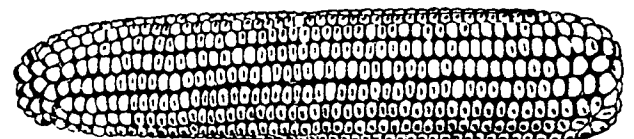
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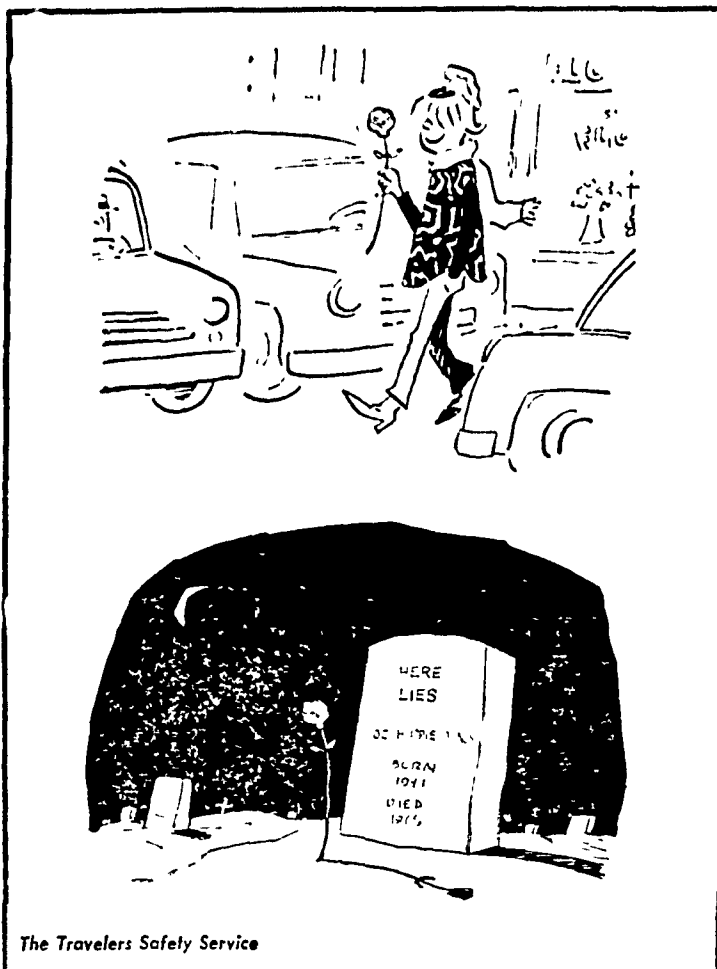
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The Virgin and Child became symbols of the accepted Christian faith only after the Council of Ephesus in A.D. 431.

Honors To Be Given At FFA Convention

A local cooperative leader is scheduled to be honored by the State Future Farmers next week at the mid-winter convention in conjunction with the Farm Show in Harrisburg.

In ceremonies Wednesday afternoon, David Yoder, General Manager of Atlantic Breeders is to receive the Honorary Keystone Farmer Degree.

Yoder has been manager of the cooperative for twenty-five years first with the Southeastern Pennsylvania Breeders Cooperative and in recent years, following their merger, with Atlantic. He is on the advisory board of the Pennsylvania Young Farmers Association and is the Vice-President of the Pennsylvania Association of Farmer Cooperatives. He is also serving on special committees with the National Association of Animal Breeders.

Also set to receive special awards are Mr. and Mrs. Walter S. Martin, East Earl R1, parents of Linford Martin, Vice-President Region II, Mr. and Mrs. Clarence Stauffer, Ephrata R1, parents of Earl Stauffer, treasurer; Mr. and Mrs. Daniel S. Erb, Columbia R2, parents of four Keystone Degree winning sons; and Mr. and Mrs. Harry B. Smith, New Providence R1, parents of three Keystone Degree winning sons.

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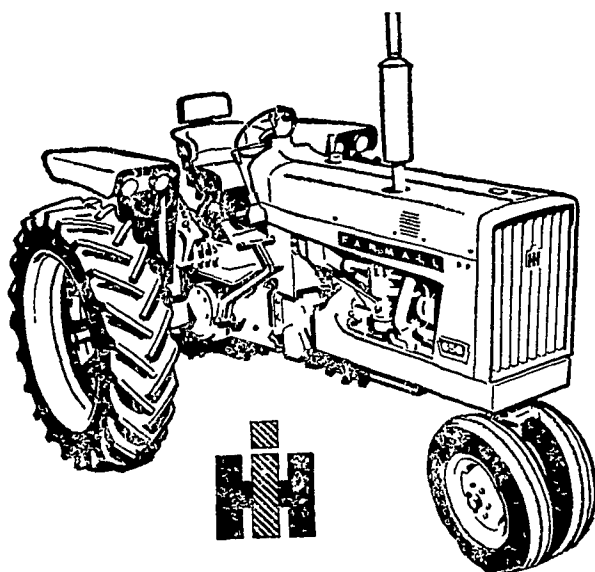


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Livestock Ignore Noise

Loud noises have little effect on farm-raised animals, says a scientist of the U.S. Department of Agriculture.

Dr. James Bond of USDA's Agricultural Research Service said research on the physiological and behavioral effects of loud noises on livestock indicates that animals adjust rapidly to these noises and are not permanently distressed.

Speaking before the 134th

meeting of the American Association for the Advancement of Science, Boston, Mass., Dr. Bond recounted experiments including one in which Jersey cows were exposed to fright stimuli caused by exploding paper bags. At first milk flow ceased, but it returned 30 minutes later.

"Study of 42 herds of dairy cattle in close proximity to an airbase showed no evidence of

lower milk production because of flyovers by aircraft or sonic booms," Dr. Bond said. "Other similar studies with sheep, horses, and swine also showed little effect from sonic booms."

When nursing sows were exposed to different frequencies of sound, Dr. Bond said, they were startled at first. However, the sows resumed nursing their young within a short time. Birth weights and weaning weights were not affected by the noises.

Dr. Bond said experiments were conducted at Beltsville, Md., to establish what normal

behavior patterns are for livestock. When the results of these observations were compared with reported changes in the activity of livestock exposed to loud noises, no difference was found between the two groups.

Developed Scale

The thermometric scale was developed by Gabriel Fahrenheit, an 18th century German physicist and manufacturer of meteorological instruments.

Snow Cover

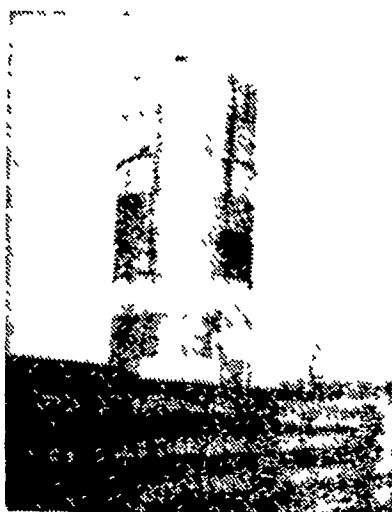
Good snow cover has many advantages to agriculture and to vegetation in general, however, it does bring on some problems that are hard to handle. One is the trouble with birds (starlings) about our livestock feedlots; many farms are facing this situation without any good corrective recommendations at this time. Another is the heavier invasion of rats and mice that have been driven in from the fields; these can be controlled by poison bait stations and by eliminating all possible nesting places. A good cleanup program and good sanitation at all places will help discourage rats and mice. Farmers are urged to be on the alert for more rats and mice due to the snow cover and try to eliminate them rather than to operate along with them; they can do heavy damage and carry disease.

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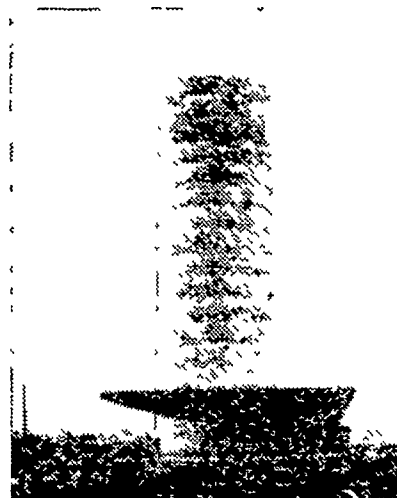
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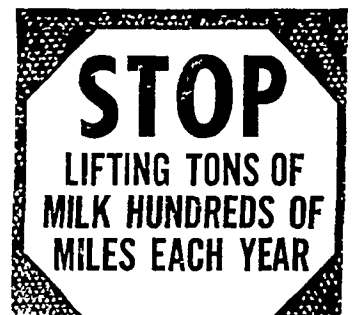
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Vegetable Growers Conference Scheduled For February 9-11

UNIVERSITY PARK — Future approaches to seeding and harvesting vegetables and new aspects of labor management will be highlights of the annual Vegetable Conference scheduled for February 9-11 at The Pennsylvania State University.

The meeting, which will be of interest to vegetable growers and canneries fieldmen, will begin at noon on February 9 and conclude at noon the third day. All sessions will be held in the Nittany Lion Inn.

Topics to be presented the first day are "Production and Marketing at the Farm Level" by Paul Linvill, market manager for Linvill Orchards Media; "Bedding Plant Production" by Robert Fortney, Penn State Extension floriculturist; "Air Pollution Damage to Vegetables" by Norman Lacasse, Penn State assistant professor of plant pathology and director of the Center of Air Environment Studies; and "Growing More Dollars Per Acre With New Systems" presented by Norman Smith, county agricultural agent in Bridgeton, N.J.

The morning program on February 10 will include such discussions as "Cost Accounting in Vegetable Production" led by B. Wayne Kelly, Penn State Extension farm management specialist; "Post-Harvest Costs in Fresh Vegetable Production" by Jarvis Cain, professor of agricultural economics at the University of Maryland; and "Labor Management" by Virgil Crowley, Penn State Extension farm management specialist.

The Tuesday afternoon pro-

gram will center on mechanization trends and field management. Donnell Hunt, professor of agricultural engineering at the University of Illinois will discuss "Why Is Machinery Important?" and Donald Daum, Penn State ag engineer will present the topic "Driving Pattern and Field Efficiency." "New and Future Approaches to Seeding and Harvesting Vegetables" will be discussed by Burton S. Hoine, Extension ag engineer.

Third-day activities will include a report of the 1969 Penn-

sylvania Tomato Committee: a talk by Charles Porter, Penn State agricultural economist on "Competitive Position of the Vegetable Processing Industry in the Northeast;" a discussion of the "Brine System for Sorting Tomatoes" by Robert Gutterman, president of Food Technology Corporation; and "Progress and Problems in the Mechanization of Tomato Production" by Edwin Crosby, director of the agricultural division of the National Canners Association.

Also included on the Wednesday morning program is the presentation of awards to the top tomato, bean, and sweet corn producers.

The event is sponsored by the

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For complete conference details, contact your county agricultural agent.

in lawns or fine turf where the disease has been a problem, cautions Allen H. Bauer, extension plant pathologist at The Pennsylvania State University. Damage from snow mold is reduced or prevented by not piling snow on the lawn and by treating problem areas with chemicals. Where snow mold has been troublesome and much snow falls, see your county agent for further information on snow mold control.

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Something New Added To 1970 Farm Show

The premium list offers more cash and two new classes of competition have been added to the 1970 Farm Show, but otherwise it's a case of a familiar menu with new dishes.

With the exception of the Chatolais baby beef class and Landrace swine class, this year's Farm Show will follow the traditional schedule of activities.

But, while the schedule's the same, competitors and performers will insure that it's a whole new show, Jan.

In the livestock classes, visitors will be interested to note the improvements in quality and performance of breeding stock.

In the other exhibits, quality is the primary factor although equally important developments such as increased yields aren't readily apparent.

The evening shows, Monday through Thursday, will include the same general format as in previous years, but you can expect new dancers in the folk dance contest, new teams and drivers in the horse pulling contest and plenty of excitement each evening.

Monday, the Secretary of Agriculture's Night, will be highlighted with a performance by the Pennsylvania State Police.

Tuesday, an FFA band concert will be followed by the

colorful folk dance festival and contest.

The heavy and light weight horse pulling contests will be held Wednesday night, along with a six-horse hitch demonstration.

The final evening program will feature a cavalcade of live stock and better."

and a light horse and pony demonstration by the Cumberland County 4 H Horse and Pony Club.

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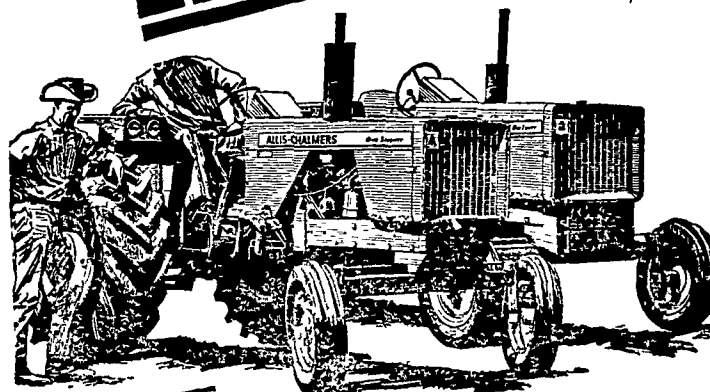
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Turkey Virus Shows Promise Of Marek's Disease Control

A virus, newly isolated from turkeys, shows promise for the control of Marek's disease which costs the poultry industry about \$200 million annually.

Discovered in research led by ARS veterinarian R. L. Witter, East Lansing, Mich., the turkey virus causes the chicken's body to produce antibodies similar to those formed in chicken infected with the herpes virus that causes Marek's disease. So far, the turkey virus has not caused disease in chickens or turkeys. Tests have shown that chickens inoculated with the nonpathogenic virus were protected against attacks by the Marek's disease virus.

Marek's disease is extremely contagious and produces a high rate of mortality in a short time. At present, there is no preventive or combative treatment. Sanitation has been recommended but, unfortunately, does not assure that Marek's disease will not occur in a new replacement flock.

The causative herpes virus was only recently discovered (AGR. RES. Oct. 1967, p. 6). Formerly, Marek's disease had been grouped with avian lymphoid leukosis, a disease it closely resembles. These two diseases are still easily confused since the clinical signs are very similar.

Marek's disease, however, strikes swiftly and takes a high toll while lymphoid leukosis is a chronic affliction with a low mortality rate. Also, Marek's disease does most of its damage to young broilers and layers, while lymphoid leukosis hits chickens after sexual maturity.

Further investigations will be conducted to determine whether the turkey virus is safe and effective as a vaccine that will confer immunity against Marek's disease. This may require a long time. Laboratory studies and field trials must be carefully planned and conducted to insure proper evaluation of the turkey virus. But the outlook for developing a new vaccine is promising.

The turkey virus may also help scientists to better understand the interrelationship of tumors and viruses in other animals and man. Related but different viruses are associated with many diseases of man and animals and have been isolated from human lymphoid tumors.

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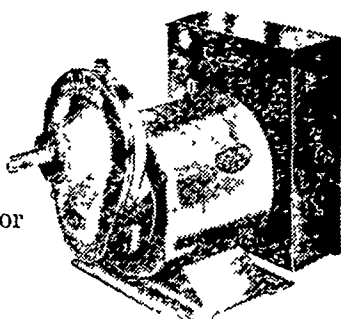


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Penna. Farm Show Program By Day

Monday Morning, January 12

- 8:00—Judging starts in all Departments, except where specified hours are indicated.
- 8:00—Judging Southdowns—Small Arena.
- 8:00—Judging Wyandottes including Junior Dairy Classes—Large Arena.
- 8:00—Judging Guineys, including Junior Dairy Classes—Large Arena.
- 8:00—Judging Chester Whites—Small Arena.
- 8:00-5:30—Vocational Demonstration Contests, Room A (Auditorium), Main Show Building.
- 8:30—Christmas Tree Growers Association Meeting, Penn Harris Motor Inn.
- 9:00—Judging Poland Chins—Small Arena.
- 9:00—Judging Belgians—Large Arena.
- 9:00—Judging Shrop Shires—Small Arena.
- 9:30—Beekeepers Association Meeting, Room C, Main Show Building.
- 9:30-5:00—Future Homemakers of America homemaker demonstrations, Department of Education Booth, Upper Concourse, Large Arena.
- 10:00—Society of Farm Women, Annual Convention, The Forum, Education Building.
- 10:00—Judging Suffolk—Small Arena.
- 10:00—Judging Duroc—Small Arena.
- 11:00—Judging Hampshire—Small Arena.
- 11:00—Chester White Swine Breeders Association Meeting, Room D, Main Show Building.

Monday Afternoon, January 12

- 12:30—Judging Berkshires—Small Arena.
- 1:00—Judging Grade Horses—Large Arena.
- 1:00—Judging Hampshire Sheep—Small Arena.
- 1:00—Beekeepers Association reconvenes, Room C, Main Show Building.
- 1:00—Society of Farm Women reconvenes, The Forum, Education Building.
- 1:30—Judging Yorkshires—Small Arena.
- 1:30—Christmas Tree Growers Association reconvenes, Penn-Harris Motor Inn.
- 1:30—Raw Milk Producer-Distributors Association Meeting, Office No. 2, Large Arena, Second Concourse.
- 1:30—Future Homemakers of America Executive Council Meeting, Room 103, Executive House.
- 2:00—Berkshire Breeders, Association Meeting, Room B, Main Show Building.
- 2:30—Judging Spotted Swine—Small Arena.
- 2:30—Judging Dorsets—Small Arena.
- 3:00—Judging Cheviots—Small Arena.
- 3:30—Ayrshire Breeders Association Meeting, Room E, Main Show Building.

Monday Evening, January 12

- 6:00—Society of Farm Women Banquet, Scot-

tish Rite Cathedral, 2701 N. Third Street.

- 6:30—Beekeepers Association Banquet, Colonial Park United Church of Christ, 5000 Devonshire Road.
- 6:30—Christmas Tree Growers Association Banquet, Penn Harris Motor Inn.
- 7:00—Cooperative Swine Breeders Association Meeting, Room B, Main Show Building.
- 7:20—Horse and Mule Association Meeting, Room E, Main Show Building.
- 7:20—Secretary of Agriculture's Night—Large Arena.
- 8:00—Suffolk Sheep Association Meeting, Room D, Main Show Building.
- 8:00—Guernsey Breeders Association Social Evening, Penn Harris Hotel Ballroom.

Tuesday Morning, January 13

- 8:00—Judging Vocational Swine Classes, all breeds—Small Arena.
- 8:00—Judging Holsteins, including Junior Dairy Classes—Large Arena.
- 8:00—Judging Corriedales—Small Arena.
- 8:00—Judging Milking Shorthorn, including Junior Dairy Classes—Large Arena.
- 8:00-5:30—Vocational Demonstration Contests, Room A (Auditorium), Main Show Building.
- 9:00—Judging Percherons—Large Arena.
- 9:00—Judging Rambouillets—Small Arena.
- 9:00—Judging Merinos—Small Arena.
- 9:00—Society of Farm Women Meeting, Room F, Main Show Building.
- 9:00—Future Homemakers of America, Executive Council Meeting, Room 103, Executive House.
- 9:00—Christmas Tree Growers Association reconvenes, Penn-Harris Motor Inn.
- 9:30—Future Farmers of America, Executive Committee Meeting, Room 321, Education Building.
- 9:30-5:00—Future Homemakers of America homemaker demonstrations, Department of Education Booth, Upper Concourse, Large Arena.
- 10:00—Guernsey Breeders Association Meeting and noon Banquet, Scottish Rite Cathedral, 2701 N. Third Street.
- 10:00—Yorkshire Swine Sale—Small Arena.
- 11:30—Spotted Swine Sale—Small Arena.

Tuesday Afternoon, January 13

- 1:00—Landrace Swine Breeders Association Meeting, Room E, Main Show Building.
- 1:00—Poland China Swine Sale—Small Arena.
- 1:30—Future Farmers of America Executive Committee reconvenes, Room 321, Education Building.

(Continued on Page 25)

Command Performance

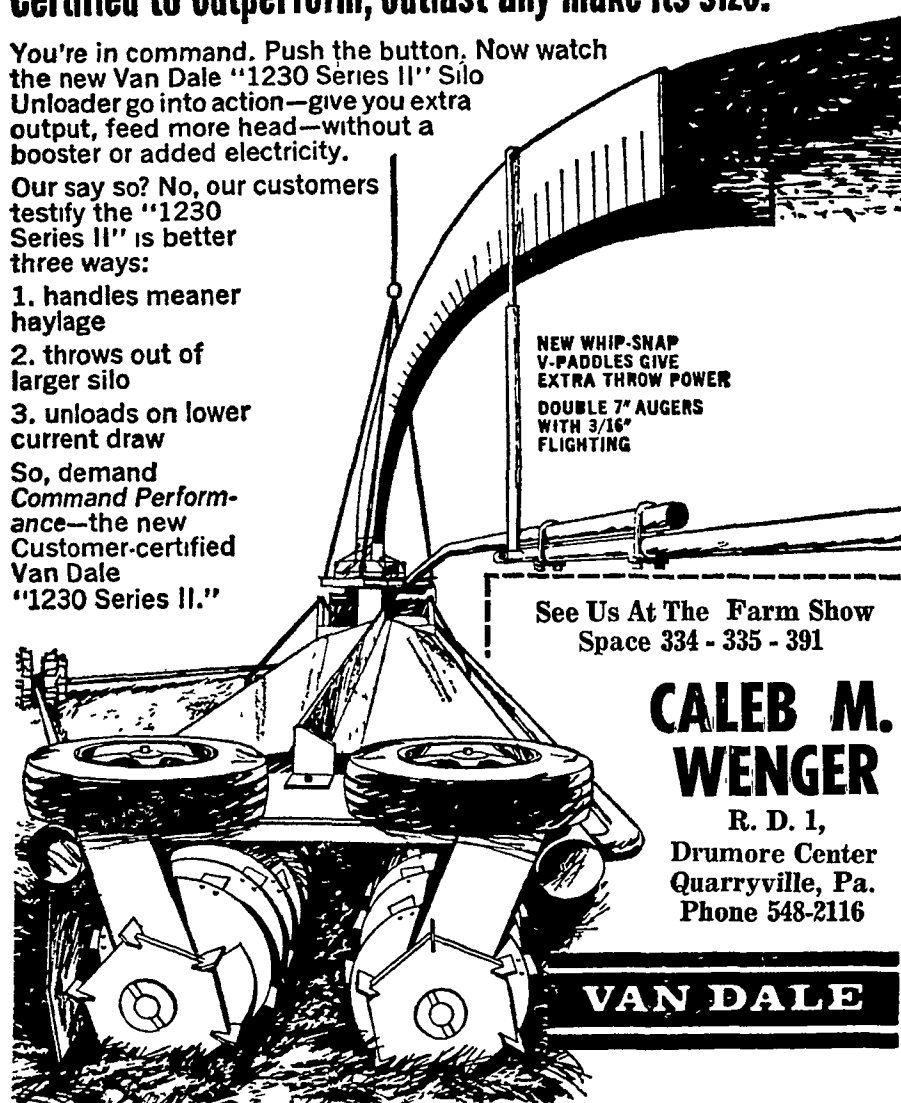
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Penna. Farm Show Program By Day

(Continued from Page 24)

- 1:30—Future Homemakers of America Executive Council reconvenes, Room 103, Executive House.
- 2:00—Yorkshire Cooperative Meeting, Room F, Main Show Building.
- 2:00—Sheep and Wool Growers Association Meeting, Room B, Main Show Building.
- 2:30—Chester White Swine Sale—Small Arena.
- Tuesday Evening, January 13**
- 6:00—Future Homemakers of America Red Rose Dinner, Holiday Inn Town.
- 6:15—FFA Band Concert—Large Arena.
- 6:30—Dairymen's Association Annual Banquet, Penn-Harris Hotel Ballroom.
- 7:30—Folk Dance Festival and Contest—Large Arena.
- Wednesday Morning, January 14**
- 8:00—Judging Brown Swiss, including Junior Dairy Classes—Large Arena.
- 8:00—Judging Jerseys, including Junior Dairy Classes—Large Arena.
- 8:00—Holstein Association Breakfast Meeting, Cafeteria, Department of Agriculture Building.
- 8:00-5:30—Vocational Demonstration Contests, Room A (Auditorium), Main Show Building.
- 8:30—Rural Electric Association Meeting, PREA Office, 112 N. Second Street.
- 9:00—Judging Angus—Large Arena.
- 9:00—Judging Herefords—Large Arena.
- 9:00-11:00—Christmas Tree Growers Association Special Meeting, Room B, Main Show Building.
- 9:30—Future Farmers of America Executive Committee reconvenes, Room 321, Education Building.
- 9:30—Future Homemakers of America Annual Awards Meeting, The Forum, Educational Building.
- 9:30-5:00—Future Homemakers of America homemaker demonstrations, Department of Education Booth, Upper Concourse, Large Arena.
- 10:00—Flying Farmers Association Meeting, Room E, Main Show Building.

- 10:00—Vegetable Growers Association Meeting, Room F, Main Show Building.
- 10:30—Berkshire Swine Sale—Small Arena.
- Wednesday Afternoon, January 14**
- 12:00—Judging Polled Herefords—Large Arena.
- 12:30—Judging Shorthorns—Large Arena.
- 12:30—Duroc Swine Sale—Small Arena.
- 12:30—Future Farmers of America Awards Convention, The Forum, Education Building.
- 1:00—Farmers Milk Juggling Association Meeting, Room C, Main Show Building.
- 1:00—Brown Swiss Association Meeting, Room D, Main Show Building.
- 1:00—Crop Improvement Association Meeting, Foods & Chemistry Library, Department of Agriculture Building.
- 1:30—Judging Charolais—Large Arena.
- 1:30—Vegetable Growers Association reconvenes, Room F, Main Show Building.
- 2:00—Jersey Cattle Club Meeting, Office No 2, Large Arena.
- 2:30—Hampshire Swine Sale—Small Arena.
- Wednesday Evening, January 14**
- 5:30—Lightweight Horse Pulling Contest; Six-Horse Hitch Demonstration; Heavyweight Horse Pulling Contest—Large Arena.
- 6:00—Charolais Association Meeting, Room B, Main Show Building.
- 6:30—Poultry Federation Dinner, Penn-Harris Hotel Ballroom.
- 6:30—Corn Growers Banquet, Cafeteria, Department of Agriculture Building.
- 7:30—Cooperative Swine Breeders Association Dinner and Executive Committee Meeting, Capitol Motel.
- 7:30—Brown Swiss Association reconvenes, Room D, Main Show Building.
- Thursday Morning, January 15**
- 8:00-11:30—Vocational Demonstration Contests, Room A (Auditorium), Main Show Building.
- 9:00—Judging 4-H Club Breeding Sheep—Small Arena.
- 9:00—Judging Junior Beef Breeding Cattle—Large Arena.

(Continued on Page 26)

Lancaster Farming, Saturday, January 10, 1970—25

Pa. Fall Pig Crop Up 9 Percent

The 1969 fall pig crop in Pennsylvania totaled 408,000 — an increase of 9 percent from June-November production in 1968. The number of sows farrowed, 53,000, was up 6 percent from a year earlier while pigs per litter increased from 7.5 in 1968 to 7.7 for the 1969 fall crop.

The spring crop of 456,000 pigs was up from 408,000 for the previous year. Pigs per litter for the December 1968-May 1969 period averaged 8.0, up .3 from a year earlier.

The number of hogs and pigs on Pennsylvania farms on December 1 is estimated at 613,000, an increase of 12 percent from December 1, 1968.

Sows to farrow from December 1, 1969 through May 1970 is estimated at 62,000, an increase of 9 percent from 1969 spring farrowings.

Hogs and Pigs on U.S. Farms Down 6 Percent

The number of hogs and pigs on the Nation's farms December 1 is estimated at 56,743,000 head — down 6 percent from a year earlier. Breeding hogs totaled 2,953,000, a decrease of 5 percent from 1968. Hogs and pigs for market totaled 47,790,000, down 7 percent from a year earlier.

By weight groups, market hogs and pigs on hand December 1, 1969, and the percentage change from a year earlier are: less than 60 pounds, 17,511,000 head, down 5 percent; 60-119 pounds, 13,610,000 head, down 6 percent; 120-179 pounds, 9,624,000 head, down 9 percent; and 180 pounds and heavier, 7,645,000 head, down 8 percent.

Smaller hog numbers in the North Central and South Central regions more than offset increases in the North Atlantic and South Atlantic regions. The Western region inventory was the same on December 1, 1969 as a year earlier.

In the 10 Corn Belt States — Ohio, Illinois, Wisconsin, Minnesota, Iowa, Missouri, South Dakota, Nebraska and Kansas — on December 1 hogs and pigs are estimated at 42,752,000 head,

down 9 percent from a year earlier, accounting for 75 percent of the total U.S. hog and pig inventory. Iowa, accounting for about a fourth of U.S. hogs, had 12 percent less than a year earlier.

Market hogs and pigs in the 10 States totaled 36,031,000, down 9 percent from a year earlier. Breeding hogs in the 10 states totaled 6,721,000, down 7 percent from December 1, 1968.

June-November Pig Crop Down 7 Percent

The June-November 1969 pig crop totaled 42,071,000 head, a decrease of 7 percent from a year earlier. The West North Central region was down 11 percent, East North Central, 5 percent, the South Central down slightly, while all the other regions showed small increases.

Sows farrowed during June-November 1969 totaled 5,735,000 head, down 6 percent from a year earlier.

Average litter size during June-November 1969 was 7.34 pigs compared with 7.35 for this period a year earlier.

Basic Arc Welding Course At Garden Spot

An electric arc welding course on basic farm welding will be part of the Garden Spot Young Farmers Program starting Wednesday, January 14, from 7 to 9 p.m. and will run for five consecutive Wednesday evenings. The course, to be held in the Garden Spot High School Agriculture shop, and will be based on the Lincoln Electric Welding Course and is sponsored by the Farmersville Equipment Co.

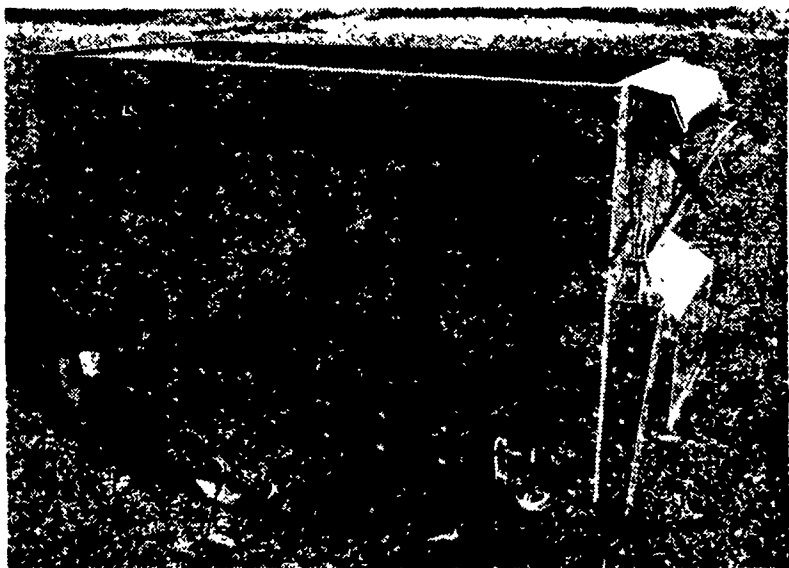
Included in the course will be basic cast iron, hard surfacing, brazing and cutting with electric welder.

The cost is \$10.00 payable the first night and the enrollment is limited to 20 persons. Any interested farmer may call Donald Robinson, Voc-Ag Teacher, at the high school number of 354-5154.

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Penna. Farm Show Program By Day

(Continued from Page 25)

- 9 00 1 00—4 H Club Potato Grading Contest, Room F, Main Show Building.
- 9 30 5 00—Future Homemakers of America homemaker demonstrations, Department of Education Booth, Upper Concourse, Large Arena
- 10 00—Nut Growers Association Meeting, Office No. 2, Large Arena, Second Concourse.
- 10 00—Judging 4-H Club Shorthorns—Large Arena
- 10 30—Judging 4-H Market Lambs—Small Arena.
- 10 30—Judging 4-H Club Herefords—Large Arena.
- 11 45—Judging 4-H Club Angus—Large Arena.

Thursday Afternoon, January 15

- 1 00—Judging Open Class Market Lambs—Small Arena
- 1 00—Maple Producers Council Meeting, Room 202, Department of Agriculture Building.
- 1 00—Nut Growers Association reconvenes, Office No. 2, Large Arena, Second Concourse.
- 1 30—Judging 4-H Baby Trios—Large Arena.
- 2 30—4-H Lamb Fitting and Showmanship Con-

- tests—Small Arena.
- 2 45—Judging 4-H Breed Champions and Grand Champion 4 H Steer—Large Arena.
- 3 30—4 H Sheep Blocking and Grooming Contest—Small Arena
- 4 30—4-H and FFA Tractor Driving Contests—Large Arena.

Thursday Evening, January 15

- 6 00—Potato Growers Banquet, Penn-Harris Motor Inn.
- 7 00—Livestock Cavalcade: 4-H Club Light Horse and Pony Demonstration—Large Arena

Friday Morning, January 16

- 9 30—4-H Baby Beef Showmanship Contest—Large Arena.
- 9 30 1 00—Future Homemakers of America homemaker demonstrations, Department of Education Booth, Upper Concourse, Large Arena.

Friday Afternoon, January 16

- 1 00—Sale of 4-H Baby Beeves and Lambs, followed by Market Lamb Sale—Large Arena
- 4 00—Farm Show closes.

Garden Spot Young Farmers Futures Meet Set January 13

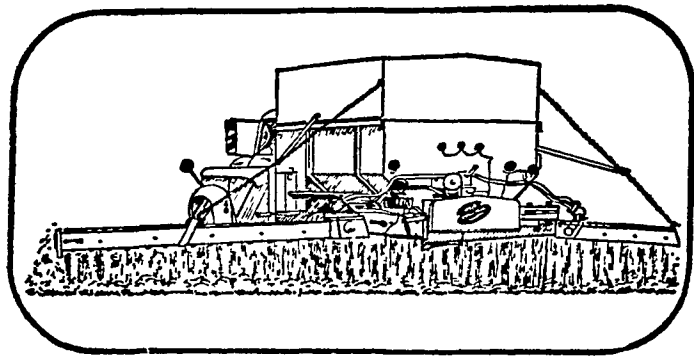
A program on how farmers can use commodity futures to hedge and for speculating purposes will be sponsored by the Garden Spot Young Farmers according to Donald Robinson, Vo-Ag Advisor. The meeting is set for 7:30 p.m. in the vocational agriculture room at the Garden Spot High School Tuesday, January 13.

The featured speaker for the meeting is James Reed, Reynolds & Company, Lancaster. Refresh-

ments will be served and Robinson says all farmers are welcome to attend.



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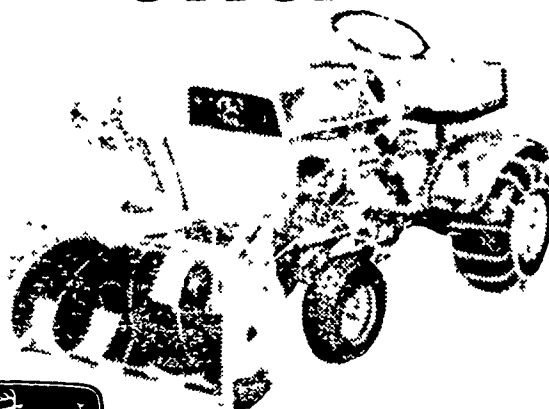
(Continued from Page 19)

cover acres of land. 3 Using electric lights to supplement solar energy in crop production areas 4 Using radio controls to match the operation of irrigation systems with power availability 5 Use of all-electric crop conditioning systems to keep shelled corn and other perishables from spoiling 6 Use of waste heat from nuclear power stations for soil warming, irrigation, and greenhouse heating

Turel concluded by predicting that electricity would continue to be a low-priced energy for agricultural use. He said that developments such as fast-breeder reactors and automated meter reading would help to offset the effects of inflation, and of increased spending by electric power suppliers to reduce pollution and improve the appearance and reliability of their systems.

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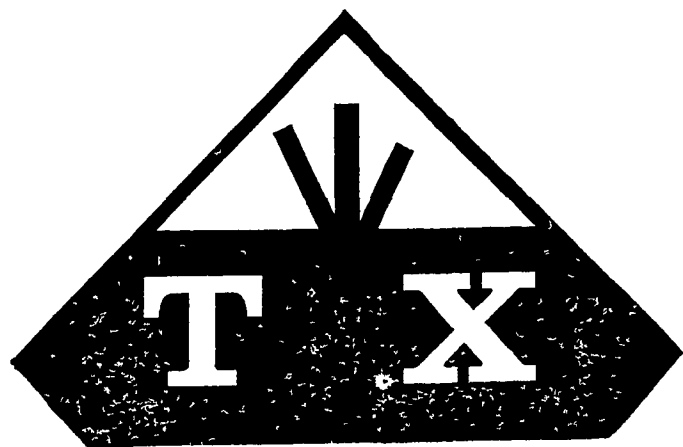
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PENNSYLVANIA BROILER PLACEMENTS UP 24%

Placements of broiler chicks in the Commonwealth during the week ending December 27 were 1,011,000. The placements were 24% above the same week a year earlier and 7% below the previous week. Average placements during the past 10 weeks were 17% above a year earlier. Settings for broiler chicks were 1,782,000 — 1% below the previous week and 11% above the comparable period a year earlier. The current 3-week total of eggs set is 16% above the same period a year ago. In shipments of broiler-type chicks during the past 10 weeks averaged 17,000, compared with 21,000 a year ago. Outshipments averaged 308,000 during the past 10 weeks, 15% above a year earlier.

22 STATES: Placements in the 22 States were 52,634,000 — 5% below the previous week and 11% above the same week a year earlier. Average placements during the past 10 weeks were 12% above a year ago. Settings were 73,561,000 — slightly above the previous week and 15% above a year earlier. The current 3-week total of eggs set is 14% above the comparable period a year ago.

Lancaster Farming, Saturday, January 10, 1970—27

Workers Ready Farm Show Building

It has been hammer and the other events, F. W. McChalk time at the Farm Show complex this week as workmen prepared for the 54th annual Pennsylvania State Farm Show. Cartney, building superintendent, said.

He said his regular work force was sufficient to handle most of the 83 events held in the complex this year. The events, which included 225 show days, required 104 set-up and 55 tear-down days.

Events held at the complex during 1969 included the 53rd State Farm Show, an automobile show, sportsman's show, Builders and Garden Show, Mobile Home Show, Pennsylvania National Horse Show, and numerous sporting events such as a circus, roller derbies and basketball and wrestling playoffs.

An 180-man work force — 40 regulars augmented by 140 temporary help — is busy doing a variety of jobs such as assembling chicken coops and lining off with chalk the space exhibitors will use as they display the latest in farming equipment.

Part of the temporary work force will be 30 women who will staff the women's restrooms.

Being the largest of the many events held at the complex, the Pennsylvania State Farm Show requires attention not given to

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FEED PURINA DAIRY CONDITIONER

As a dairyman, you know that good milk production doesn't just happen. It's something you plan for by establishing a herd with the genetic potential for good production, then managing and feeding your cows so they'll produce up to their bred-in ability.

Many successful local dairymen also plan for good production with a proven program of dry cow feeding. They need Purina Dairy Conditioner, a research-proven ration to help give dry cows body condition they need for good production after they freshen.

Purina Dairy Conditioner is an extra-palatable 12½ percent protein ration. It's fortified with vitamins A and D plus extra phosphorus to help guard against milk fever.

Purina Dairy Conditioner is low-cost, too, because the amounts you feed depend on your cows' condition and on the quality of the roughages you feed. For example, a cow dried off in good condition being fed high-quality roughages would require less Dairy Conditioner than a cow in only fair condition being fed fair quality roughages.

Drop in soon and get your free copy of the Purina Dry Cow Program folder. We'll be glad to show you how Purina Dairy Conditioner can help you prepare your dry cows for good production next lactation.

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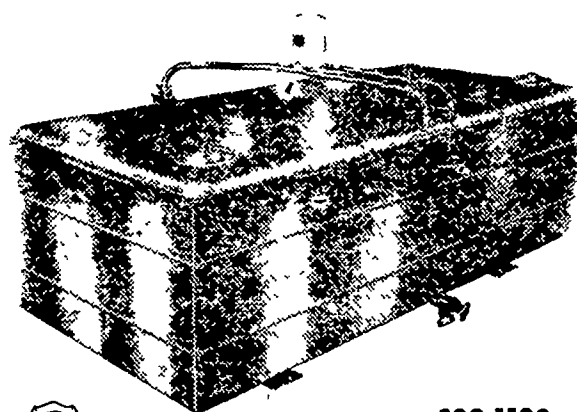
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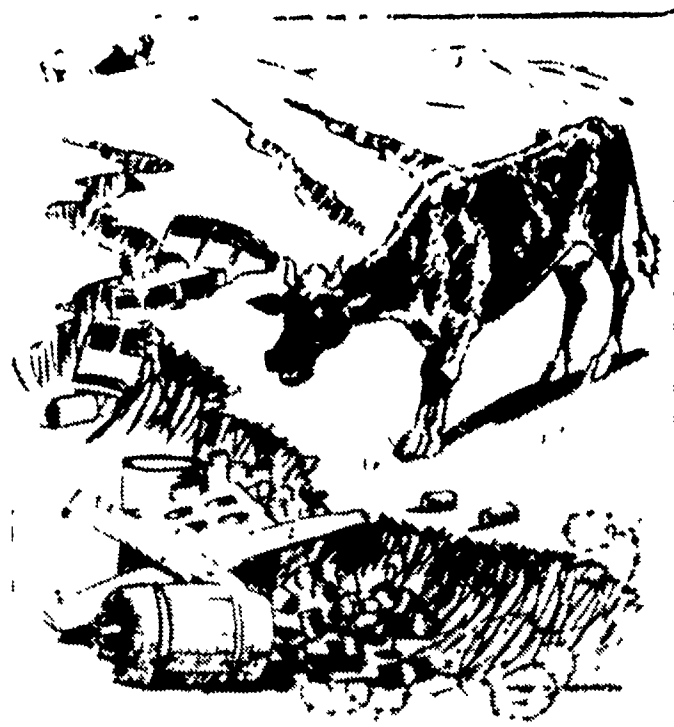
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Conservation Corner



Poor Land Use — Cans And Canners

Farm Show To Feature Family Competition

If history has anything to do with the future the 1970 Farm Show should feature some friendly 'family feudin' for blue ribbons and premiums.

The annual showcase of agricultural culture, slated for Jan. 12-16, has usually been enlivened by stiff competition between brothers, cousins and last year's twin sisters.

The owner of the 1969 baby beef champion has strong competition from her twin sister while the exhibitor of the reserve champion was a cousin of the 1968 winning exhibitor. To further confuse the issue, the 1968 winner's brother showed the champion Holstein cow in last year's show.

Farm Show is the big event of the year for many families across Pennsylvania. It often brings the names of quaint and unknown villages to attention as the home of champion exhibits.

The quality of Farm Show exhibits, displays of modern equipment and just plain old 'atmosphere' are a strong attraction for residents of other states, too.

On one day last year, more than 450 bus loads of visitors from nine other states and the District of Columbia made the trip to Harrisburg to attend Farm Show.

Distance didn't seem to hinder out-of-state guests — some traveled all the way from Kansas.

Times change, people change.

Winter Sport

Snowmobiling seems to be the current winter sport getting considerable attention. Skiing has been the major winter sport in the snow country until this year, but now it must make room for the thrilling recreation of snowmobiling. However, this sport is not without some hazards and I'd like to point out a few cautions. Dress as though you had to walk back home because you may have to, carry a First Aid Kit and an emergency repair kit be on the alert for barbed wire fences or single wire electric fences for they are difficult to see. Be careful about driving over creeks or ponds that are frozen — the ice may not be heavy enough to hold your weight. Don't go into places where you can't walk out — deep snow might hold the snowmobile but a person on foot will sink in too deeply to get out.

Cushwa Appointed Wildlife Unit Leader

Dr. Charles T. Cushwa of St. Paul, Minn., has been appointed assistant unit leader of the Cooperative Wildlife Research Unit at The Pennsylvania State University. Dr. Cushwa comes to Penn State from a position as leader of a U.S. Forest Service wilderness research project in Minnesota.

A graduate of Lynchburg College, Lynchburg, Va., and Virginia Polytechnic Institute, Blacksburg, he will work closely with Dr. James S. Lindzey, leader of the Cooperative Wildlife Research Unit at Penn State.

Since 1962, Dr. Cushwa has been employed by the U.S. Forest Service. He worked first out of the Southeastern Forest Experiment Station at Asheville, North Carolina, and later as a project leader at Blacksburg, Virginia. In April of 1968 he was transferred to the North Central Forest Experiment Station at St. Paul, Minn. From there he came to Penn State.

He is the author of ten research papers dealing with prescribed burning of forest areas and its effects. Nine additional papers have been published dealing with recreational use of forest lands and wildlife values and their measurement. He has also studied food habits of the white-tailed deer.

He is a member of Phi Kappa Phi and Phi Sigma honorary societies. He is affiliated with the Wildlife Society, the Wilderness Society, the American Society of Range Management, the American Institute of Biological Sciences, and the Ecological Society. Born in Leesville, Virginia, he served in the U.S. Navy from 1953 to 1957. The Cushwas have three children — Roger, William, and Terri.

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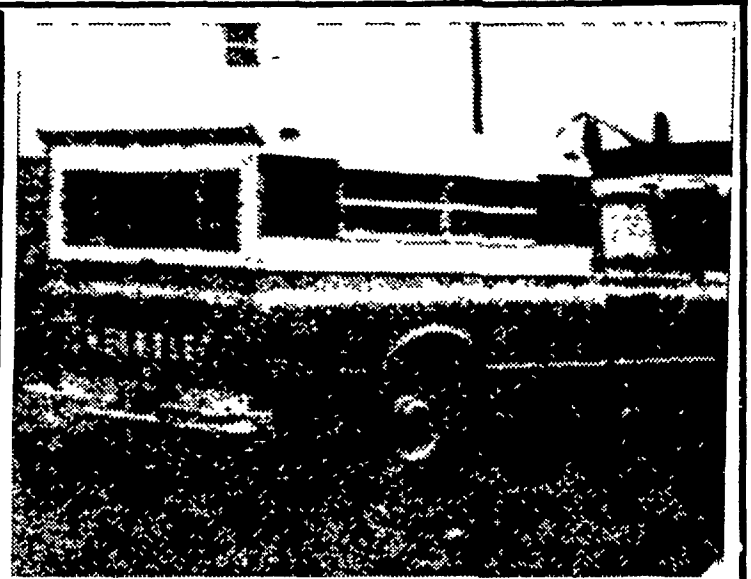
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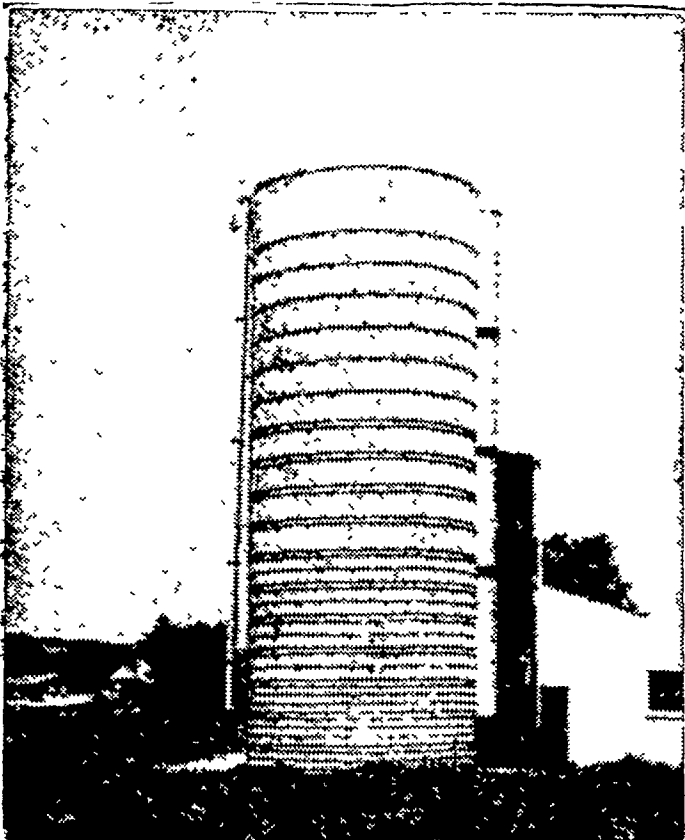
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Farm Women Reset Meeting

A meeting postponed by the Society of Farm Women 1. last Saturday has been rescheduled and will be held at the home of Mrs. Raymond Newcomer on Friday, January 9 at 7.30 p.m.

Miss Rachel Bollinger will show slides and give an illustrated commentary of her recent trip to Ecuador.

Farmland Acreage Dips As Population Grows

By L. H. Bull
Pa. Secretary of Agriculture

Since 1960 Pennsylvania has lost almost two million acres of farmland... land that was di-

verted to a multitude of non agricultural purposes

Much of this diverted acreage was used to meet the land requirements of our increasing population and Pennsylvania's rapidly expanding economy.

As a matter of fact, Pennsylvania's population has increased by approximately half a million persons during the decade now drawing to a close. Some economists predict another million will be added by 1980.

Concern over these trends prompted Governor Raymond P. Shafer to appoint a committee two years ago to study the situation and recommend steps for the wise use of land.

Earlier this month this committee — the Governor's Committee for the Preservation of Agricultural Land — presented its report and suggested a plan for conserving vital farmland.

The plan proposes establishment of agricultural use areas with a minimum of 4,000 contiguous acres and culls to check possible diversion of this land to other uses.

It also recommended establishment of a commission, "possessing experience and knowledge in agriculture," which would review proposed conversions of agricultural land.

The committee added this comment:

"Prime agricultural land is a basic raw material which man can shape and use for any purpose. Once the topsoil is removed and concrete or asphalt is poured, this land is permanently removed from food and fiber production. Moreover, it is no longer filtering rainfall or fostering the growth of oxygen-giving plant life."

"The committee is convinced," it reported, "that the preservation of a portion of the Commonwealth's best agricultural land is absolutely necessary and vital to the social and economic well-being of Pennsylvania."

Most impatient fellow in the world is the one waiting for you to finish your tale of woe so that he can begin to tell you his sad story.

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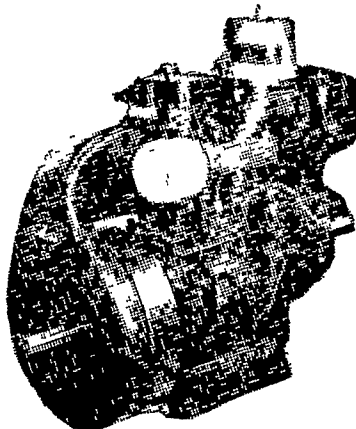
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● Keystone

(Continued from Page 17)

also served as treasurer and delegate to the County FFA.

Living on a 60 cow herd dairy farm, Nelson has developed a keen interest in dairying. "To day farming is a hard occupation to get into, but through hard work, I hope to get a start," he says.

Very active in FFA, Weaver has participated in public speaking, tractor driving and land judging in local, area, and state contests. He won the chapter dairy farmer and farm mechanics awards and is in on the chapter chain calf.

He is a Chapter and Red Rose Farmer Degree winner, and attended the National FFA Convention in Kansas City and the State Convention at Penn State.

Nelson has supervised farming programs in a number of enterprises including breeding and fattening swine, dairy heifers, veal calves and field corn. He feeds, milks and cares for 20 cows on his family's second farm.

A member of the Weaverland Mennonite Church, Nelson is active in the Youth Group



Lloyd Welk

County 4-H Holstein Club. His FFA projects include five dairy animals, swine, corn, tobacco, alfalfa and beef.

On the senior high school basketball team, Lloyd is a member of the Fulton Grange 66. He is also a member of the First Presbyterian Church and Sunday School in Strasburg and a member of the Senior High Youth Fellowship.



Dale Bollinger

dairy cows, breeding sows, fattening hogs, corn and tobacco.

Bollinger has served as chapter reporter, treasurer and vice-president. He is a member of the cross country, wrestling and baseball teams and a member of the high school band.

He is a member of the 4-H Holstein Dairy Club and is active in the Youth Fellowship at the Mechanics Grove Church of the Brethren.



Paul Eckman

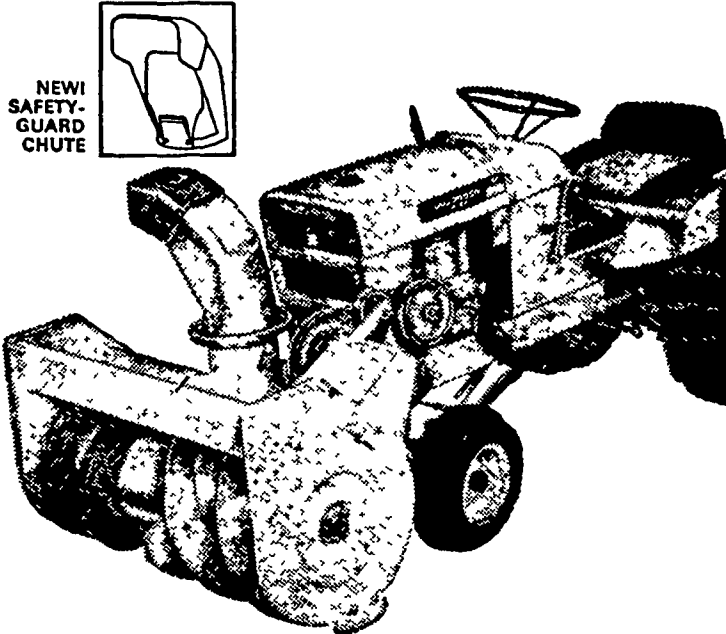
Paul Eckman

Paul Eckman, son of Mr. and Mrs. George Eckman, Strasburg R1, is the outgoing County FFA President and is president of his Lampeter-Strasburg Chapter. He carried numerous farm projects including sheep, breeding and fattening swine, dairy, corn, tobacco and alfalfa.

His work experience program was completed at Clarence Groff's Greenhouse and he also

(Continued on Page 31)

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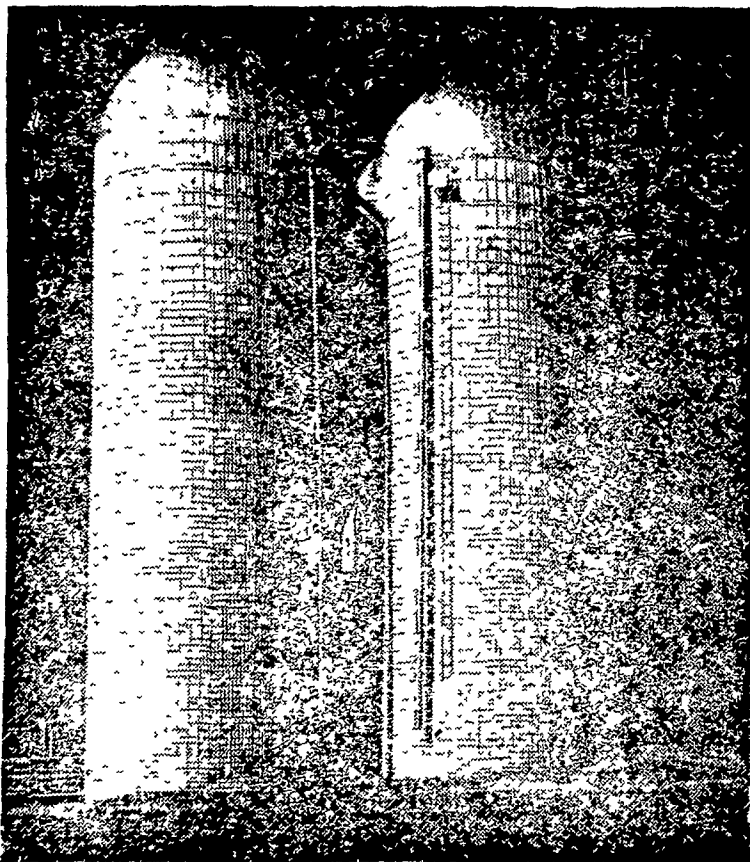
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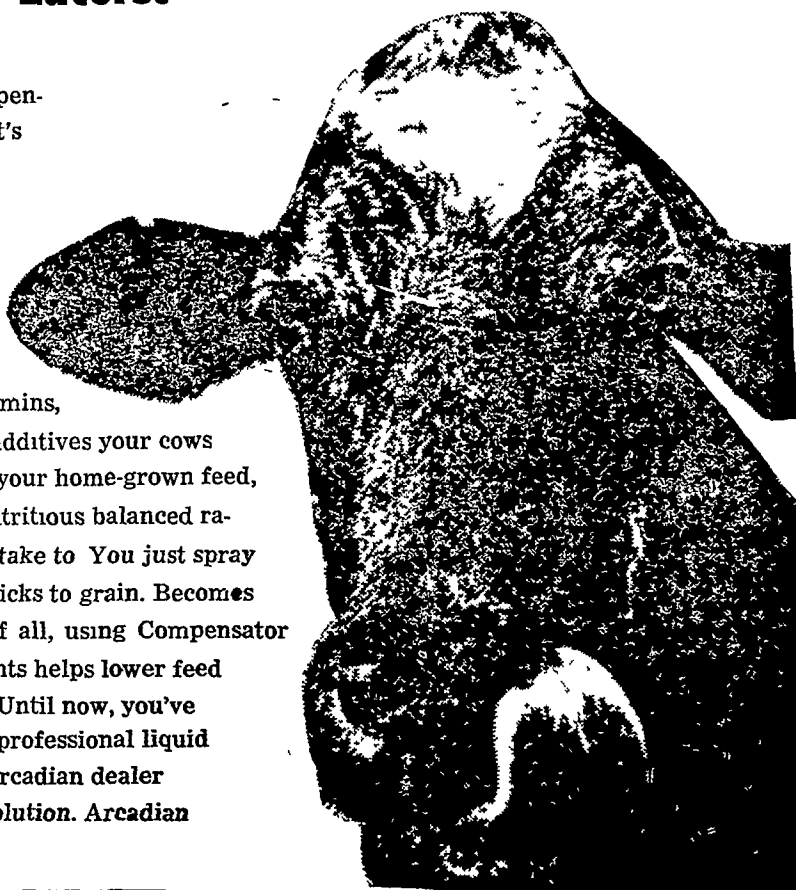
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● **Keystone**
(Continued from Page 30)

served as chaplain and secretary of his local chapter.

Paul was a state delegate and attended the National FFA Convention in Kansas City. He won the Guernsey calf at the Lampeter Fair in 1967 and had the champion ewe and was named the best fitter in the sheep show. He won the Chapter Sears Gilt.

An interesting project for Eckman was the planting of 1000 pine trees on some unfarmable land. The trees were supplied at a nominal cost but must be left to grow for conservation purposes.

Thomas Aaron

Thomas Aaron, son of Mr. and Mrs. William J. Aaron, Quarryville R1, is a member of the Solanco FFA Chapter. Growing up on a 176 acre Registered Jersey Dairy Farm, Aaron received the State Jersey Herdsman Award as the top Jersey boy in the State Association.

His FFA farming projects have included a dairy herd, fat-



Thomas Aaron

tening and breeding swine, corn and alfalfa. Thomas is a vice-president of his local chapter and was the 1969 Lancaster County FFA Chaplain.

He is a member of the County Ayrshire, Jersey Brown Swiss 4-H Dairy Club and plans to stay on the farm and build up the size of their Jersey herd



Matthew Young

Matthew Young

Matthew Young, son of Mr. and Mrs. Henry Young, Peach Bottom R2, lives on a 420 acre dairy farm with a total of 230 dairy animals and 25 steers

Young has FFA projects of dairy heifers, a steer and fattening hogs. In the spring he plans to start 100 feeder pigs, buy a few more dairy animals and raise 10 acres of corn along with working on his family farm

President of the Solanco FFA, Matthew was a delegate to the Pennsylvania Association of Farmer Co ops in Shippensburg and the American Institute of Co-operatives in Illinois



Paul Clark

Paul Clark

Paul Clark, the son of Mr. and Mrs. David R. Clark, is a senior at the Pequea Valley High School. He works on his father's

dairy farm which is located near Kinzers. Paul's farming program includes dairy cows, dairy calf and eighty guinea pigs. He, also, keeps production records on his father's forty head of cows.

Paul is presently serving as president of the Pequea Valley FFA Chapter. He has also served as treasurer and chaplain. Paul will complete his year as county secretary this month. He was a county delegate at the summer State Convention. He is, also, active in church work.

Paul won the FFA Quiz at the 1968 Leadership Training Conference and a weed identification contest at Hershey. He has been awarded several chapter awards and was the high seed salesman for Pequea Valley in 1969.



Carl Erb

Carl Erb

Carl Erb, son of Mr. and Mrs. Daniel S. Erb, Columbia R2, is the fourth boy in his family to become a Keystone Farmer. A member of the Penn Manor FFA Chapter, Carl is serving as president and had also served as president of the Junior Agriculture Club as a freshman.

The Star Farmer when he received the Red Rose Degree. Erb was a member of Penn Manor's winning County parliamentary procedure team last year and was a member of the state poultry judging team. Carl is just finishing his term as County corresponding secretary and was a County delegate in 1968.

His farming experience includes small grains, tobacco, corn and hay and he is now under the supervised farming program, working at Huber's Nursery.

Wanted: Tags With Stay Power

Ear tagging, the most common way to identify livestock both on a permanent and temporary basis, has two disadvantages—tags are easily lost or they become illegible. To eliminate these problems, ARS animal identification specialist N. W. Hooven, Beltsville, Md., is evaluating several types of tags.

Showing promise for identification of sheep and lambs, for example, is a new tag made of an oilcloth-like material that is light in weight and yet large enough to be easily seen from a distance. The tag is shaped like a barbell, except that the ends are flat and square. The lamb's nursing ability is not affected by this ear tag as it is with heavier tags. The tag is also being tested on calves and older cattle.

Another ear tag under evaluation is made of a lightweight, flexible plastic. One end is square and contains the identification number, the other shaped like an arrow, is punched through the animal's ear with a specially designed tool. In 1-year tests with beef cattle, this tag had about 98 percent retention as compared with some other tags which had only about 77 percent retention.

A high level of retention is also found with a plastic tag which is held in place by a four-pointed, star-like projection at the back of the tag.

Another type, the brisket tag, can be easily seen, says Hooven, and none of them has been lost by cattle. But it is expensive and hard to insert because of the thick skin in this region of the body. Since the tag passes through two folds of skin, infection is more likely to develop and be more difficult to treat than infection from ear tags.

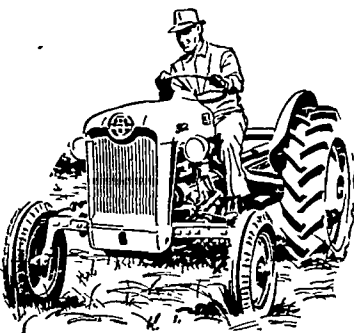
When dairy cattle are milked in herringbone-style parlors, only the hindquarters are visible, making neck chains and ear tags impractical for identifying animals. To help dairymen, Hooven is trying newer methods of identification which can be seen by the person milking the cows. One method is the "flank" tag. Unfortunately, flank tags are difficult to insert and require careful disinfection of the wound area, a time-consuming project for a busy dairyman. And the flank is continually subjected to contamination by dirt and manure, inviting infection. When the cow walks, the flank stretches, irritating the wound and thus prolonging the healing process. Additional work needs to be carried out to overcome some of these disadvantages.

Tail tags have been used by dairymen, but Hooven considers them a waste of money. If the tags are not tight, they slide off easily, especially in fly season when the tail is used as a swatter. If, on the other hand, the tags are tight, the blood can't circulate and the animal's tail sloughs off.

Several types of tags are also being evaluated on sheep and cattle at Clay Center, Nebr., and Front Royal, Va.

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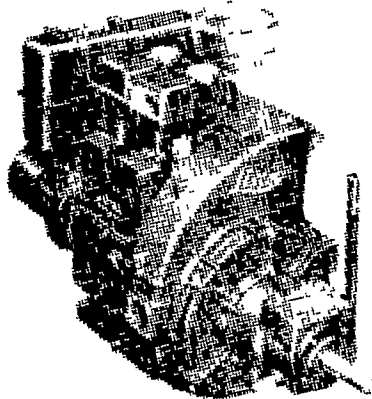


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Lancaster Farming

FARM SHOW ISSUE
THIRD SECTION

FARM SHOW

Evening Features In Large Arena

Monday Evening—7:30

SECRETARY OF AGRICULTURE'S NIGHT

Presiding: Honorable Jack R. Grey, Deputy Secretary of Agriculture

Greetings: Honorable L. H. Bull, Secretary of Agriculture, Chairman, Farm Show Commission

Pennsylvania State Police Exhibition

Tuesday Evening

6:15—Future Farmers of America Band Concert, James W. Dunlop, Director, The Pennsylvania State University

7:30—Folk Dance Festival and Contest, Joseph R. Cardanuto, Director, The Pennsylvania State University

Groups participating:
Division A—Under 17 years of age.

Division B—Between 15 and 25 years of age

Division C—Any age or combination of ages



AMONG THE EXHIBITORS getting ready for the farm show in Harrisburg next week are the 4-H Baby Beef Club members. In this Lancaster Farming Photo, four steers belonging to the four sons of Mr. and Mrs. Carl Longenecker, Lititz R2, are getting ready too.

Working on their fine coats are (left to right) Ken 14, Roland 16, and Barry 19. Not present for the picture is Mike 18. In all, 36 local projects will be going to the show.
L. F. Photo

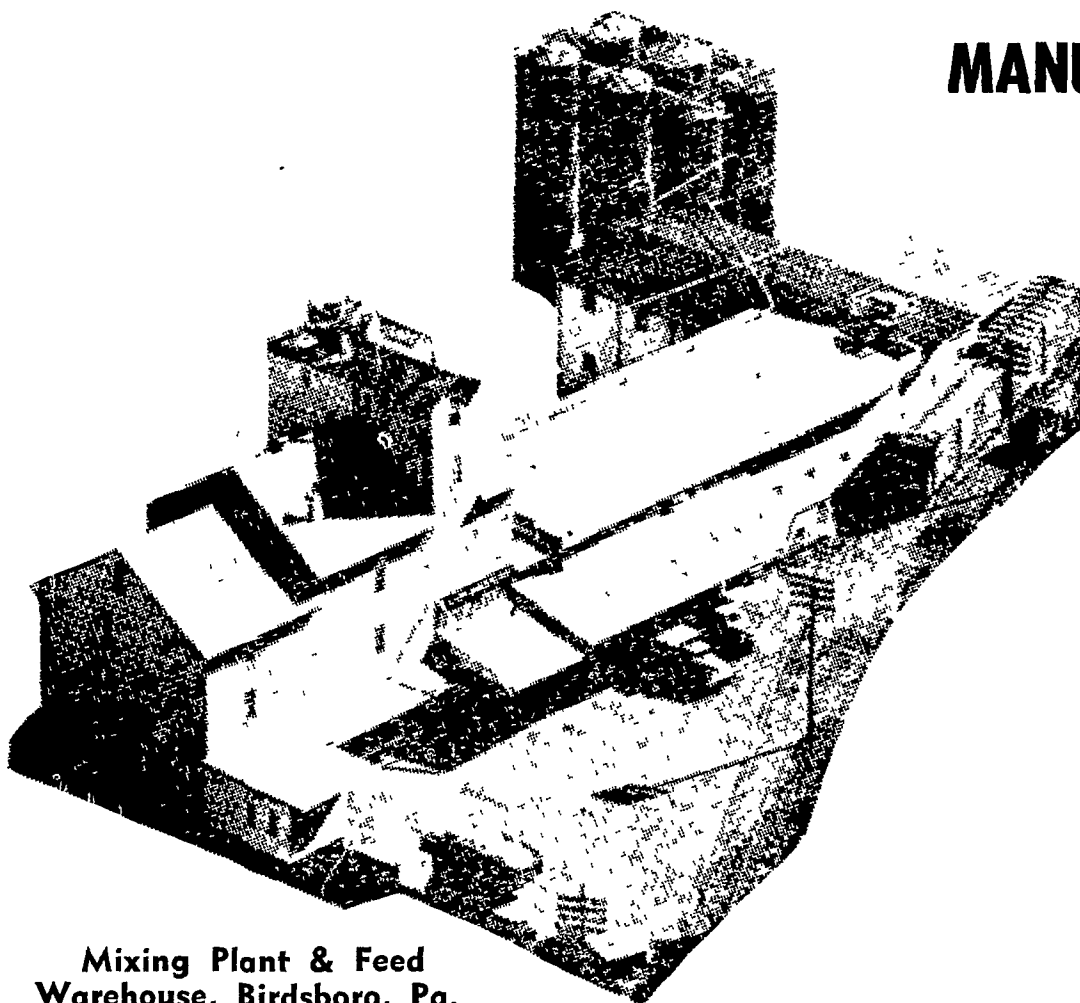
Wednesday Evening—5:30
Lightweight Horse Pulling Contest
Six-Horse Hitch Demonstration

Heavyweight Horse Pulling Contest
Thursday Evening—7:00
Livestock Cavalcade

4-H Light Horse and Pony Demonstration by Cumberland Co.
4-H Horse and Pony Club

No Program Friday Evening
Show Closes 4:00 P.M.

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SINKING SPRING



WARWICK GREENHANDS — As pictured at their FFA ceremony Tuesday evening. They are (left to right) 1st row, Joe Flowers, Luke Weaver, Greg Bomberger, Mike Rowland, Dale Wenger. 2nd row, Bill Estes, Larry Ireland, Roy Deamer, Bobby Estes. 3rd row, Russell Cooper, Glenn Weaver, Dean Kline, Ken Weaver; Art Kreischer, Mike Grube. 4th row, Roger Ulrich; Luke Weidler, Jeff Risser; Jack Miller; Jeff Yunginger, Dave Graybill, Gray Eckenrod. Not present for the photograph was Randy Collins; Tommie David, Ken Wall; Robert Trump; Ray Jeffries, Henry Martin; Robert Shaver, Nevin Dull.

The ceremony in the Warwick High School was opened by the Chapter President Ken Weaver. The Greenhand Ceremony was conducted by the Sophomore Class. Dale Martin was the chairman.

Research Program

Contractors and masonry workers will be interested in a new research program in the federal department of agriculture. It is a new way for laying concrete blocks. The blocks are stacked dry, with no mortar, then a coating of cement mortar reinforced with fiberglass, is troweled on the inside and outside surfaces. This is supposed to give a bond stronger than the ordinary mortar joint. Another project being tried is to mix short pieces of wire with concrete. The wire pieces are designed to build up the strength in tension bars should do the job now done by including reinforcing rods in walls and beams. Neither of these new ideas are ready for trade approval, but may become standard building procedures in the future.

"TENDERLY YOURS" — ON FATHER'S DAY

"Tenderly Yours" has been selected as theme for 1970 "BEEF" for Father's Day" promotion. Mrs. Louis Bergevin, Gardnerville, Nev., National Chairman, and Mrs. Louise Wilson, Montgomery, Ala., Co-Chairman for 1970 "BEEF for Father's Day" campaign met with John Huston, of MB's Beef Industry Council in Chicago, for a planning session on the campaign . . . discussed in-store, restaurant, newspaper, radio and television services for the "Father's Day" campaign.

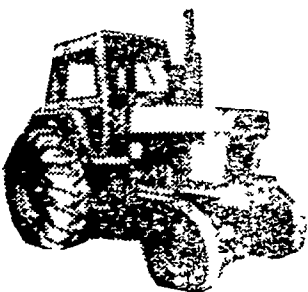
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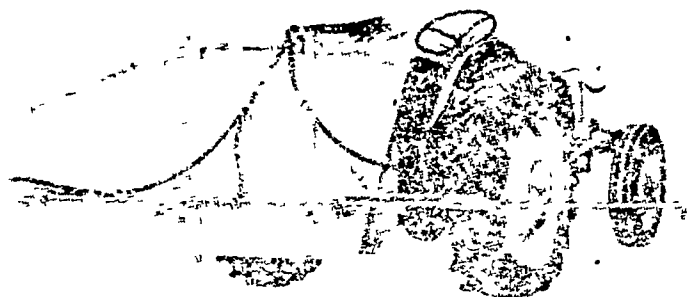
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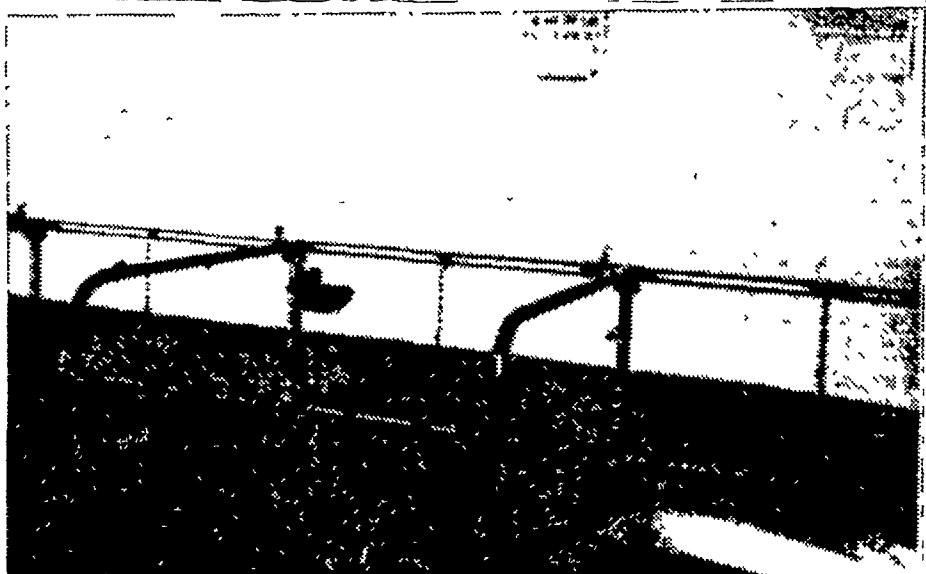
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Lime And Fertilizer Conference To Feature Plant & Animal Health

Plant and animal health relationships will be featured in a symposium during the annual Lime and Fertilizer Conference

to be held January 28 to 30 at The Pennsylvania State University, as announced today. All meetings will be held in the Keller Conference Center.

Scheduled for Thursday morning, Jan. 29, the symposium will cover soil tests, soil

plant mineral relationships, forage tests, and livestock relationships. Featured will be College faculty members S. B. Guss, W. W. Hinish, D. E. Baker, R. S. Adams, L. A. Biedette, and D. R. Kiadel. The problem from a livestock farmer's viewpoint will be discussed by David Zacherl of Clarion County.

Research findings will highlight the afternoon program.

January 29 "Cropland as a Living Filter of Nutrients" will be discussed by L. T. Kardos. "Air Pollution and Agriculture" will be the topic of F. A. Wood. "Atmosphere in Soil and Runoff Water" will be presented by J. K. Hall. "Some New Approaches to Insect Control" will feature W. G. Yendol.

Lancaster Farming, Saturday, January 10, 1970 25

Attendees will be welcomed to the campus with opening remarks at 1:30 p.m. January 28 by Dr. R. E. Larson, Dean of the College of Agriculture. Human engineering will be the topic of J. F. Kirby, area manager of the Dale Carnegie courses.

Home and garden lime and fertilizer problems will be discussed January 28 by Joseph Leonard, garden center operator from Erie. M. R. Heddleson will speak on magnesium and Penn State's soil testing service. The annual business meeting of the Pennsylvania Plant Food Educational Society, Inc., will conclude the afternoon program with president John Hoffman of Quarryville in charge.

Final events of Friday morning, January 30, open with A. J. Wenner of the Lebanon Chemical Corp. speaking on "The Plight of the Spreader." Fertilizer equipment and safety will be the topic of B. F. Day of the Agricultural Nitrogen Institute. Murry McJunkin of the Agricultural Chemicals division of U. S. Steel will describe company safety programs.

The annual banquet January 29 will feature "Flights of Apollo" by Richard J. Allenby, assistant director of lunar science for the Office of Space Flight, NASA. Toastmaster will be H. R. Fortmann, regional coordinator of the Northeastern Association of Agricultural Experiment Stations.

General chairman is J. H. McGahan of Penn State Group chairman from industry are William Mohn of Agway and Harold Jones of the J. E. Baker Company. Group chairmen from Penn State are J. L. Stirling and D. E. Walker.

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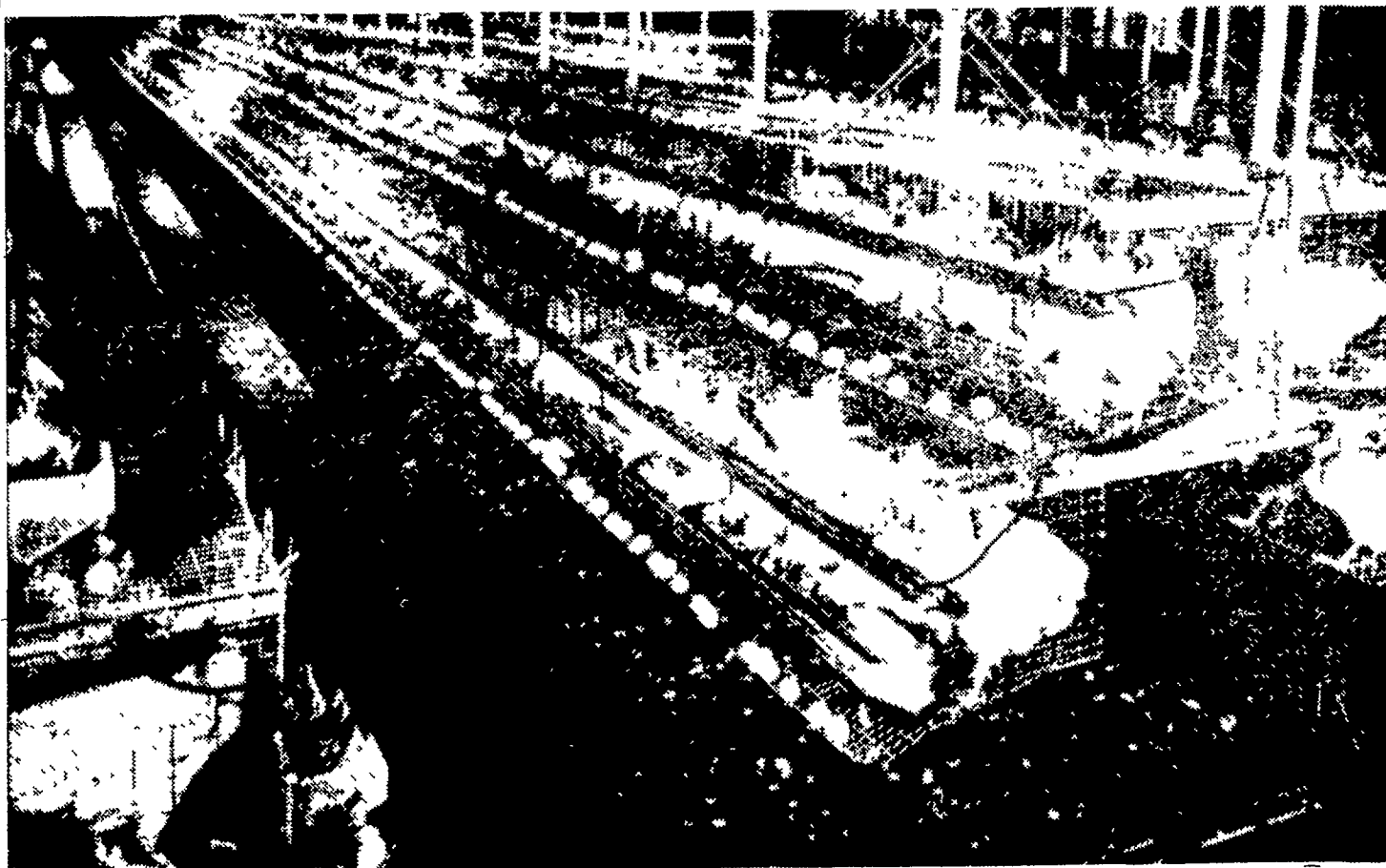
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Sire Stud To Offer Analysis Program

Effective January 1, 1970, SIRE POWER, Inc., will offer a Herd Analysis Program to be operated on a fee basis. As a result, dairymen within the NE-BA, Maryland A B C, and West Virginia A B C areas may call on SIRE POWER personnel to develop a "Balanced Breeding Program" for their herd.

Through this program, SIRE POWER will (1) Evaluate a total herd, its strengths and weaknesses, (2) Evaluate each cow on the same basis, and (3) Recommend specific sires for each cow to correct these weaknesses. All recommendations will be based on a knowledge of which sires offer the greatest potential for the improvement of production, type (physical traits), and longevity.

Cows will be evaluated for the eight traits that are deemed most important to dairymen who make a living producing milk. In general, three ratings are made for each cow for each of the eight characteristics. They are (1) desirable, preferred, and better than average, (2) average, medium, or typical of the breed, and (3) undesirable, faulty, or below breed average.

The eight characteristics evaluated are 1 Stature, 2 Strength, 3 Fore Udder, 4 Rear Udder, 5 Teat Size and Placement, 6 Pelvic Area, 7 Hind Legs, and 8 Feet.

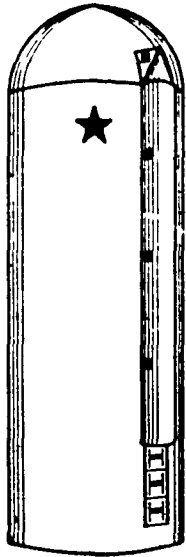
Many hours have been spent in developing this program. Studies have been made of the performance of each Sire Power Sire. As a result, evaluators will be able to leave with the member a specially prepared folder that will show the individual cow evaluation, the bull recommended, and the data on all bulls recommended for use in the herd.

The SIRE POWER Herd Analysis Program will be operated by Richard Chichester, Sire Programs Manager, and Stanley H. Wilggin, Sire Analyst.

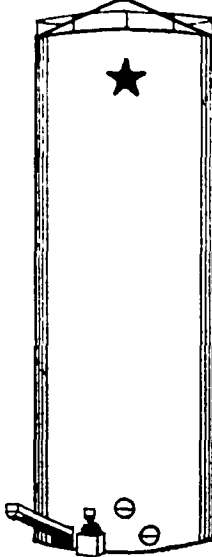
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Farm Show Assn. Meeting

**PENNSYLVANIA AYRSHIRE
BREEDERS ASSOCIATION**
Monday, January 12
3 30 p m — Business Meeting,
Room E, Main Show Building

**PENNSYLVANIA STATE
BEEKEEPERS ASSOCIATION**
Monday, January 12
9 30 a m — Business Meeting,
Room C, Main Show Building
1 00 p m — Business Meeting
reconvenes Election of officers
6 30 p m — Banquet, Colonial
Park United Church of
Christ, 5000 Devonshire
Road

**PENNSYLVANIA BERKSHIRE
BREEDERS ASSOCIATION**
Monday, January 12
2 00 p m — Business Meeting
Room B, Main Show Building

**PENNSYLVANIA STATE
BROWN SWISS ASSOCIATION**
Wednesday, January 14
1:30 p.m. — Directors Meeting,
Room D, Main Show Building
7:30 p m — Annual Meeting
Room D, Main Show Building.
Election of officers.

**PENNSYLVANIA CHAROLAIS
ASSOCIATION**
Wednesday, January 14
6 00 p m — Annual Meeting
Room B, Main Show Building

**PENNSYLVANIA CHESTER
WHITE SWINE BREEDERS
ASSOCIATION**
11 00 a m — Business Meeting,
Room D, Main Show Building

**PENNSYLVANIA CHRISTMAS
TREE GROWERS
ASSOCIATION**
Monday, January 12
27th Annual Winter Meeting

Penn-Harris Motor Inn
8:30 a.m.-12:00 Noon:
Registration.
Farm Show Report, Richard
D. Jones, Judge, U S Forest
Service.
Business Meeting and Election.
"Cost of Growing Trees,"
Raymond Nelson.
1 30 p m.-4:30 p m :

"Managing Your Plantation,
10 or 20 Years From Now,
Richard Bedger.
Address: Edward Simons,
Entomologist, Pennsylvania
Department of Agriculture.
Management Practices Panel,
John Koch, moderator.

6 30 p m — Banquet.

(Continued on Page 37)

You Are Invited!

SEE THE

MODERN BREED OF BEEF CATTLE

At The 1970 Penna. Farm Show

Charolais Breeding Classes — Large Arena

Wednesday, January 14, 1:30 P.M.

Association Meeting, 6 P.M., Room B

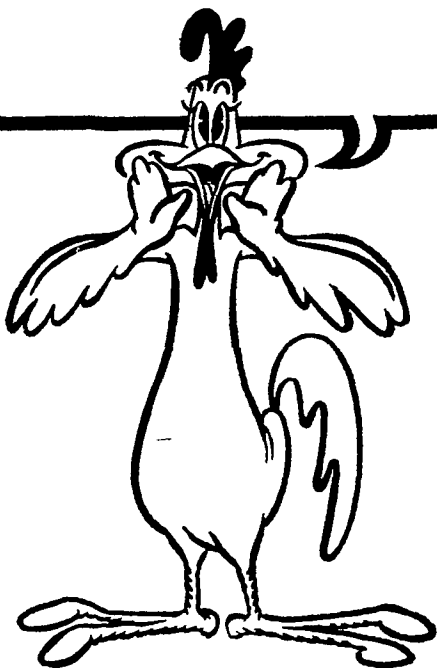
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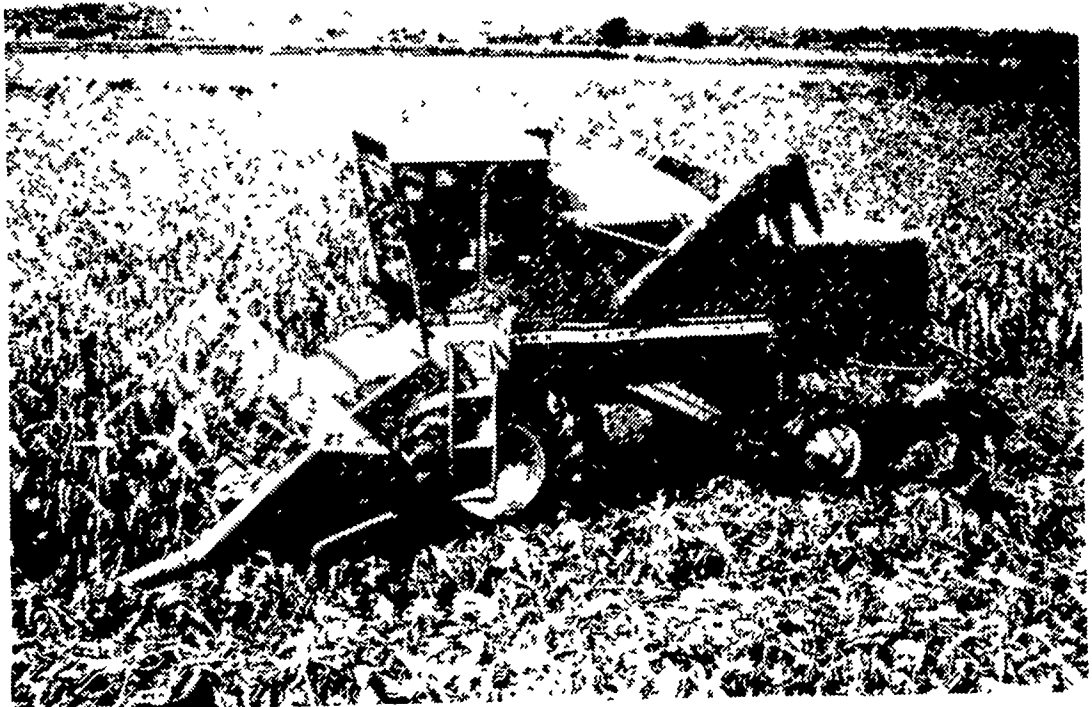
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West Chester 696-2990

Farm Show Assn. Meeting

(Continued from Page 36)

Tuesday, January 13

9:00 a.m.-12:00 Noon

"Update on Seed Improvement," Dr. Henry D. Gerhold and Edgar Palprint, School of Forest Resources, The Pennsylvania State University.

"Should I Raise My Own Transplants," Edward Farand, Extension Forester, The Pennsylvania State University

Manufacturers' Panel, Roger Tobias, moderator.

Report of Executive Secretary.

Wednesday, January 14

9:00 a.m. — Special Meeting Room B, Main Show Building.

PENNSYLVANIA CROP IMPROVEMENT ASSOCIATION, INC.

Wednesday, January 14

1 00 p.m. — General Membership Meeting, Foods and Chemistry Library, Department of Agriculture Building

6 30 p.m. — Corn Growers Banquet, Department of Agriculture Cafeteria
Recognition of Winners
Pennsylvania Five-Acre Corn Club
Pennsylvania One-Acre Corn Contest

PENNSYLVANIA DAIRYMEN'S ASSOCIATION

Tuesday, January 13

6:30 p.m. — Annual Meeting and Banquet, Penn-Harris Hotel Ballroom.
Election of Directors
Presentation of Dairy Recognition Awards

SOCIETY OF FARM WOMEN OF PENNSYLVANIA

Monday, January 12

10 00 a.m. — Opening Ceremonies, The Forum Education Building

1 00 p.m. — Convention reconvenes

4 00 5 30 p.m. — Coffee Hour, Scottish Rite Cathedral, 2701 N Third Street

6 00 p.m. — State Banquet, Scottish Rite Cathedral

Tuesday, January 13

9 00 a.m. — Annual Business Meeting, Room F, Main Show Building

PENNSYLVANIA FLYING FARMERS ASSOCIATION

Wednesday, January 14

10.00 a.m.-12 00 Noon — Meeting, Room E, Main Show Building

FUTURE FARMERS OF AMERICA

Tuesday, January 13

9 30 a.m. — Executive Committee Meeting, Room 321, Education Building

1:30 p.m. — Executive Committee Meeting reconvenes

Wednesday, January 14

9 30 a.m. — Executive Committee Meeting reconvenes

12.30 p.m. — Annual Awards Convention, The Forum, Education Building

Lancaster Farming, Saturday, January 10, 1970--37

Concert, State FFA Band Open Ceremony

Address—Donald N. McDowell, Executive Director, National FFA Foundation, Inc.

Conferring Honorary Keystone Farmer Degrees

Presentation of FFA Citations

Introduction of American Farmers

Presentation of Agriculture Proficiency Awards

Conferring of Keystone Farmer Degrees.

Star Farmer Ceremony, Closing Ceremony

FUTURE HOMEMAKERS OF AMERICA

Monday, January 12

1 30 p.m. — Executive Council Meeting, Room 103 Executive House

Tuesday, January 13

9 00 a.m. — Executive Council Meeting reconvenes

1 30 p.m. — Executive Council Meeting reconvenes

6 00 p.m. — Red Rose Dinner, Holiday Inn Town

(Continued on Page 38)

Start raising more and better Calves the Easy NURS-ETTE way

No more carrying pails of warm water or hand mixing milk replacer. Just fill the hopper of the NURS-ETTE with milk replacer and the NURS-ETTE will mix milk replacer and warm water and keep it warm until calf nurses the mix (approx. 14 oz.)

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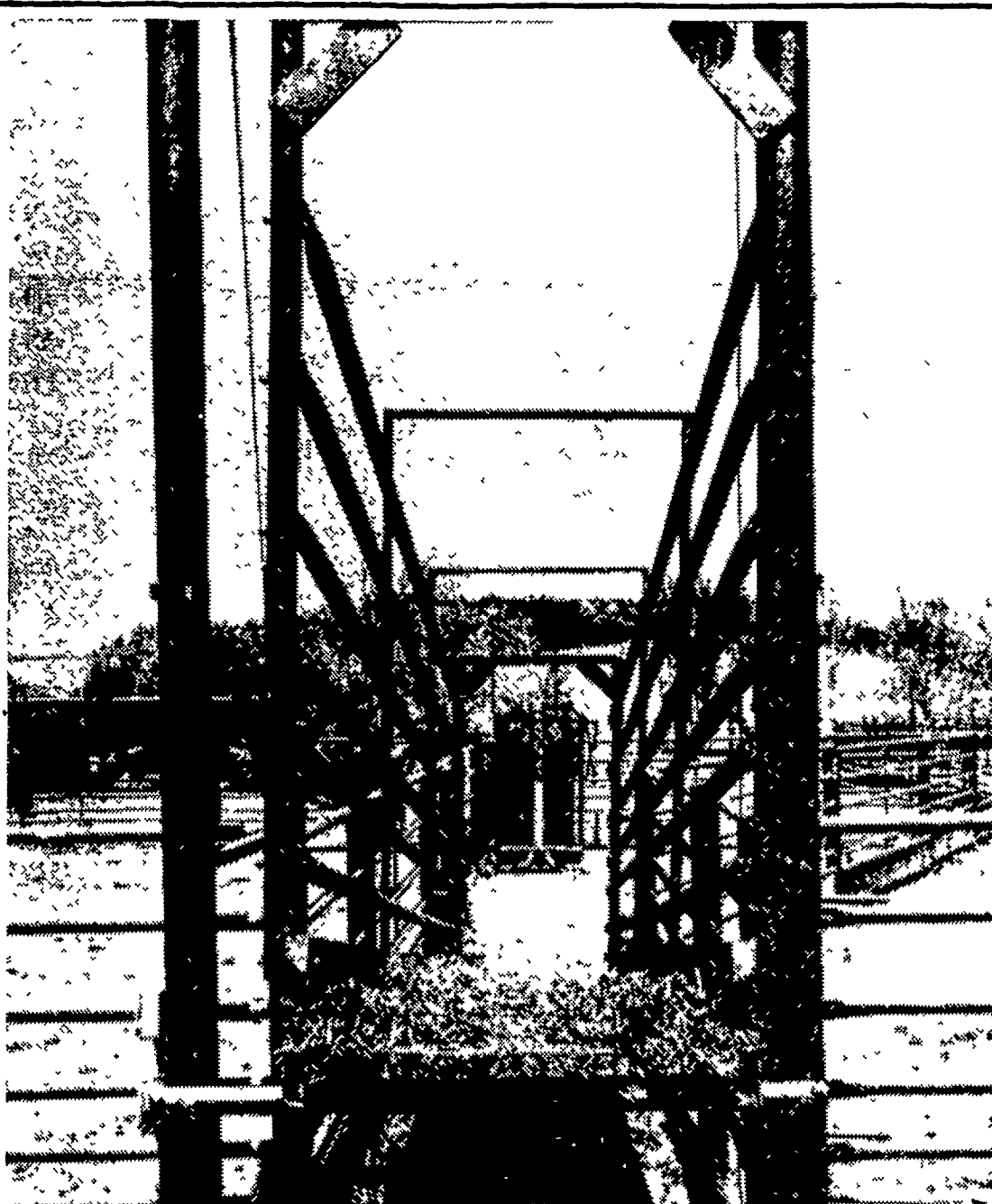
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Phone 717-786-2235
Fred Frey, Mgr.

Farm Show Assn. Meeting

(Continued from Page 37)

Wednesday, January 11

9:30 a.m. — Annual Awards Meeting, The Forum, Education Building.
Opening Ceremony.
Reports
Conferring of Honorary Memberships
Conferring of State Homemakers Degrees.
Closing Ceremony.

PENNSYLVANIA GUERNSEY BREEDERS ASSOCIATION

Monday, January 12

8:00 p.m. — Social Evening, Penn-Harris Hotel Ballroom.
Dancing — Bob Aulenbach Orchestra
Tuesday, January 13
39th Annual Meeting.
Scottish Rite Cathedral, 2701 N Third Street
10:00 a.m. — Business Meeting.
Business Managers Report.
Election of officers and four directors.

12 Noon — Banquet
William H. Juzi, Toastmaster.
Music — Bob Aulenbach Trio.
Address: "Do They Listen When You Speak Up?"
Harold J. O'Brien, Assoc. Dean of Commonwealth Campuses, The Pennsylvania State University
Presentation of Production and Show Awards

PENNSYLVANIA HOLSTEIN ASSOCIATION

Wednesday, January 14

8:00 a.m. — Holstein Breakfast, Department of Agriculture Cafeteria.
Annual Meeting
Presentation of Pennsylvania Awards and Junior Member Awards
(Breakfast tickets available at Association booth in dairy barn)

PENNSYLVANIA HORSE AND MULE ASSOCIATION

Monday, January 12

7:30 p.m. — Business Meeting, Room E, Main Show Building.
Address: Robert J. Rugaber, Butler County Agricultural Agent.
Address: Daniel E. Kline, Judge of Horse Division, West Mansfield, Ohio.

PENNSYLVANIA JERSEY CATTLE CLUB, INC.

Wednesday, January 14

2:00 p.m. — Business Meeting, Office No. 2, Large Arena Building
Address: V. L. Peterson, Field Representative, American Jersey Cattle Club, Marshall, Michigan.

PENNSYLVANIA LANDRACE SWINE BREEDERS ASSOCIATION

Tuesday, January 13

1:00 p.m. — Business Meeting, Room E, Main Show Building.

Election of officers.

PENNSYLVANIA MAPLE PRODUCERS COUNCIL

Thursday, January 15

1:00 p.m. — Business Meeting, Room 202, Department of Agriculture Building.

PENNSYLVANIA FARMERS MILK JUGGING ASSOCIATION, INC.

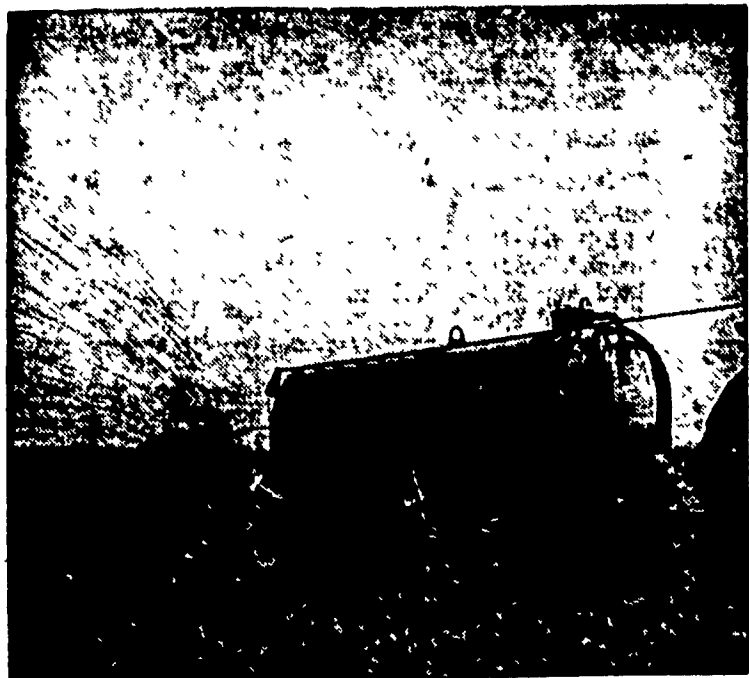
Wednesday, January 14

1:00 p.m. — Business Meeting, Room C, Main Show Building.

PENNSYLVANIA NUT GROWERS ASSOCIATION

Thursday, January 15

10:00 a.m. — Office No. 2, Large Club, Marshall, Michigan.
(Continued on Page 39)



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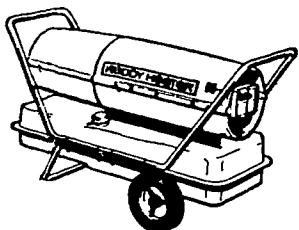
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Farm Show Assn. Meeting

(Continued from Page 38)

Arena Building Educational Program
1:00 p m — Business Meeting.
Election of officers
Educational Discussion Period

PENNSYLVANIA COOPERATIVE POTATO GROWERS, INC.

Thursday, January 15
54th Annual Potato Industry Meeting
6:00 p m — Annual Banquet,
Penn-Harris Motor Inn

PENNSYLVANIA POULTRY FEDERATION

Wednesday, January 14
6:30 p m — Second Annual
Fund Raising Dinner,
Penn-Harris Hotel Ballroom

PENNSYLVANIA RAW MILK PRODUCERS-DISTRIBUTORS ASSOCIATION

Monday, January 12
1:00 p m. — Business Meeting,
Office No 2, Large Arena Building.

PENNSYLVANIA RURAL ELECTRIC ASSOCIATION

Wednesday, January 14
8:30 a m — Fifth Annual Winter Meeting, PREA Office, 112 N Second St., Harrisburg

Business Meeting
Election of officers
PENNSYLVANIA SHEEP AND WOOL GROWERS ASSOCIATION

Tuesday, January 13
2:00 p m — Business Meeting,
Room B, Main Show Building

PENNSYLVANIA SUFFOLK SHEEP ASSOCIATION

Monday, January 12
8:00 p m — Business Meeting,
Room D, Main Show Building

PENNSYLVANIA COOPERATIVE SWINE BREEDERS ASSOCIATION

Monday, January 12
7:00 p m — Business Meeting,
Room B, Main Show Building

Tuesday, January 13
Swine Sales Sponsorship —
Small Arena

10:00 a m — Yorkshires
11:30 a m — Spotted Swine
1:00 p m — Poland Chinas
2:30 p m — Chester Whites

Wednesday, January 14
Swine Sales Sponsorship —
Small Arena

10:30 a m — Berkshires
12:30 p m — Durocs
2:30 p m — Hampshires
7:30 p m — Dinner and Executive Committee Meeting,
Capitol Motel

PENNSYLVANIA VEGETABLE GROWERS ASSOCIATION

Wednesday, January 14
10:00 a m — Room F, Main Show Building
Breeding for Disease Resistance," Dr. John Ayers,
Plant Pathology, The Pennsylvania State University.

"Virus Effects on the Nutrition of Pepper Varieties,"
Dr. Peter Feretti, Horticulture Extension, The Pennsylvania State University.

"Systemics in Vegetable and Potato Production,"
Stanley Gesell, Entomology Extension, The Pennsylvania State University.

1:30 p m — Room F, Main Show Building

"Chemical Weed Control in Vegetable Crops," C J. Noll, Horticulture Department, The Pennsylvania State University

"How to be Successful in Roadside Marketing,"
panel discussion by growers.

PENNSYLVANIA YORKSHIRE COOPERATIVE ASSOCIATION, INC.

Tuesday, January 13
2:00 p m — Annual Meeting,
Room F, Main Show Building
Election of officers and directors

Food Stand

The Mechanics Grove Church of the Brethren will conduct a food stand at the Penna Farm Show next week. Their stand will be the third one on the right from the main entrance. All net proceeds will go for relief and missions.

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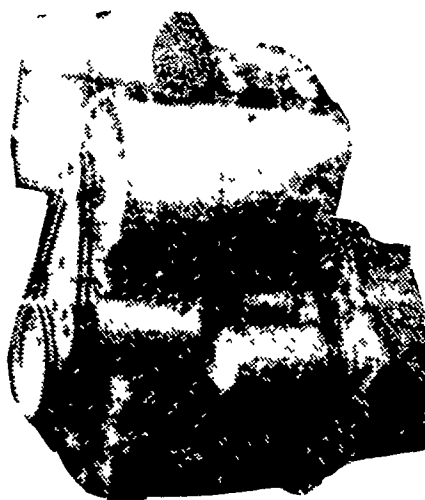
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BECAUSE OF A LIMITED AMOUNT OF GROWING SPACE...**

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IF YOUR ANSWER IS "NO"

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Do you have coccidiosis under control to the extent that you seldom have a minor outbreak of coccidiosis?

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